REFRIGERATOR

BOTTOM MOUNT FREEZER

BASIC : RF267AA

MODEL NAME : RF267AARS, RF267AABP, RF267AAWP, RF267AASH, RF26DBRS1, RF26DBBP1, RF26DBSH1

MODEL CODE : RF267AARS/XAA, RF267AABP/XAA, RF267AAWP/XAA, RF267AASH/XAA, RF26DBRS1/SML, RF26DBBP1/SML, RF26DBSH1/SML, RF26DBRS1/XSA

SERVICE GUIDE

REFRIGERATOR

RF267/26DB

CONTENTS

1. PRECAUTIONS(SAFETY WARNINGS) . 4

2. PRODUCT SPECIFICATIONS 7

3. DISASSEMBLY AND REASSEMBLY . . 21

4. TROUBLESHOOTING 47

5 . EXPLODED VIEW & PARTS LIST 85

6. PCB DIAGRAM 123

7. WIRING DIAGRAM 128

8. SCHEMATIC DIAGRAM 129

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● Asia : http://asia.samsungportal.com)

WARNING

IMPORTANT SAFETY NOTICE

The service guide is for service men with adequate backgrounds of electrical, electronic, and mechanical experience. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or dealer cannot be responsible for the interpretation of this information.

SAMSUNG ELECTRONICS AMERICA, INC.

Technical Service Guide

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Contents

1. PRECAUTIONS(SAFETY WARNINGS) 4

2. PRODUCT SPECIFICATIONS 7
2-1) INTRODUCTION OF MAIN FUNCTION 8
2-2) SPECIFICATIONS 11
2-3) INTERIOR VIEWS 12
2-4) MODEL SPECIFICATION 13
2-5) MODEL SPECIFICATION &SPECIFICATION CHART 14
2-6)DIMENSIONS OF REFRIGERATOR (INCHES) 17
2-7) OPTIONAL MATERIAL SPECIFICATION 18
2-8) REFRIGERANT ROUTE IN REFRIGERATION CYCLE 19
2-9) COOLING AIR CIRCULATION 20

3. DISASSEMBLY AND REASSEMBLY 21
3-1) PRECAUTION 22
3-2) REFRIGERATOR DOOR 23
3-3) DOOR SWITCH IN REFRIGERATOR 25
3-4) DOOR GASKET 25
3-5) DOOR HANDLE 25
3-6) REFRIGERATOR LIGHT 26
3-7) COVER-DISPLAY & WATER-DISPENSER 26
3-8) WATER-DISPENSER 27
3-9) GLASS SHELF 28
3-10) FOLDABLE GLASS SHELF 29
3-11) VEGETABLE & FRUIT DRAWERS SHELF 29
3-12) COOL SELECT PANTRY 30
3-13) WATER TANK 31
3-14) MOTOR DAMPER 33
3-15) WATER FILTER (DISASSEMBLY) 33
3-16) WATER FILTER (REASSEMBLY) 34
3-17) GALLON DOOR BIN 34
3-18) VERTICAL HINGED SECTION 35
3-19) EVAPORATOR COVER IN REFRIGERATOR 36
3-20) EVAPORATOR IN REFRIGERATOR 37
3-21) FREEZER DOOR 38
3-22) PULL OUT DRAWER 39
3-23) ICE-MAKER 40
3-24) FREEZER LIGHT 41
3-25) DOOR SWITCH IN FREEZER 41
3-26) EVAPORATOR COVER IN FREEZER 42
3-27) EVAPORATOR IN FREEZER 42
3-28) MACHINE COMPARTMENT 43
3-29) ELECTRIC BOX 46

4. TROUBLESHOOTING 47
4-1) FUNCTION FOR FAILURE DIAGNOSIS 48
4-1-1. TEST MODE (MANUAL OPERATION / MANUAL DEFROST FUNCTION) 48
4-1-2. DISPLAY FUNCTION OF COMMUNICATION ERROR 49
4-1-3. SELF-DIAGNOSTIC FUNCTION 50
4-1-4. DISPLAY FUNCTION OF LOAD CONDITION 53
4-1-5. EXHIBITION MODE SETTING FUNCTION 54
4-1-6. OPTION SETTING FUNCTION 54

Contents

4-1-7. OPTION TABLE . . . 57
4-2) DIAGNOSTIC METHOD ACCORDING TO THE TROUBLE SYMPTOM(FLOW CHART) . . . 59
4-2-1. IF THE TROUBLE IS DETECTED BY SELF-DIAGNOSIS . . . 60
4-2-2. IF FAN DOES NOT OPERATE . . . 70
4-2-3. IF ICE ROOM FAN DOES NOT OPERATE . . . 71
4-2-4. IF ICE MAKER DOES NOT OPERATE . . . 72
4-2-5. IF DEFROST DOES NOT OPERATE (F,R DEF HEATER) . . . 73
4-2-6. IF POWER IS NOT SUPPLIED . . . 74
4-2-7. IF COMPRESSOR DOES NOT OPERATE . . . 75
4-2-8. WHEN ALARM SOUND CONTINUOUS WITHOUT STOP(RELATED WITH BUZZER SOUND) . . . 76
4-2-9. IF PANEL PCB DOES NOT WORK NORMALLY . . . 78
4-2-10. IF PANTRY PANEL PCB IS NOT WORKING NORMALLY . . . 79
4-2-11. WHEN REFRIGERATOR ROOM LAMP DOES NOT LIGHT UP . . . 80
4-2-12. IF ICE WATER IS NOT SUPPLIED . . . 81
4-2-13. IF WATER IS NOT SUPPLIED . . . 82
4-2-14. IF CUBED OR CRUSHED ICE IS NOT SUPPLIED . . . 83
4-2-15. IF COVER ICE ROUTE MOOR(GEARD MOTOR) IS NOT WORKING NORMALLY . . . 84

5 . EXPLODED VIEW & PARTS LIST . . . 85
5-1) FREEZER . . . 86
5-2) REFRIGERATOR . . . 89
5-3) CABINET . . . 93
5-4) DISASSEMBLY OF FREEZE DOOR . . . 97
5-5) DISASSEMBLY OF REFRIGERATOR DOOR LEFT . . . 99
5-6) DISASSEMBLY OF REFRIGERATOR DOOR RIGHT . . . 102

6. PCB DIAGRAM . . . 123
6-1) PCB LAYOUT WITH PART POSITION . . . 124
6-2) PCB LAYOUT WITH PART POSITION (SMPS BOARD) . . . 125
6-3) CONNECTOR LAYOUT WITH PART POSITION (MAIN BOARD) . . . 126
6-4) CONNECTOR LAYOUT WITH PART POSITION (SMPS OARD) . . . 127

7. WIRING DIAGRAM . . . 128

8. SCHEMATIC DIAGRAM . . . 129
8-1) WHOLE BLOCK DIAGRAM . . . 129
8-2) CIRCUIT DIAGRAM . . . 130

1. PRECAUTIONS(SAFETY WARNINGS)

- Pull the power plug out before for the change or repair of electric parts.

→ Be careful the electric shock.

- When exchanging the parts, use the correct parts.

→ Check the model name, rating voltage, rating current, running temperature symbols.

- When troubleshooting, connect firmly the types of harness.

→ Make not to be separated when some power is imposed.

- Check the traces of water infiltration at the electric parts.

→ If there is a trace of water infiltration, exchange or tape the parts.

- Check the assemble status of parts after troubleshooting.

→ It should be done indiscriminately as before the repair.

- Check the use circumstance of refrigerator.

→ If the refrigerator is installed at the place that is damp or wet, or status of installation is unstable, change the installation place.

- Do earth in case of need.

→ Particularly, Be sure to earth when there is a risk of an electric leakage by humidity or wetness.

- Do not use multi plugs in a plug socket at the same time.
  Check if the power cord and socket is damaged, pressed, squeezed, or fired.

→ If the plug or plug socket is damaged, repair or exchange that immediately.

- Do not allow consumers to repair the appliance by themselves.

- Do not store other materials except the foods.

→ Drugs or scientific materials : difficult to keep precise temperature.

→ The inflammables(alcohol, benzene, ether, LP gas, butane gas etc.): have risk of explosion.

PRECAUTIONS(SAFETY WARNINGS)

Read all instructions before repairing the product and follow the instructions in order to prevent danger or property damage.

CAUTION/WARNING SYMBOLS DISPLAYED

Warning	*Indicates that a danger of death or serious injury exists.*
Caution	*Indicates that a risk of personal injury or material damage exists.*

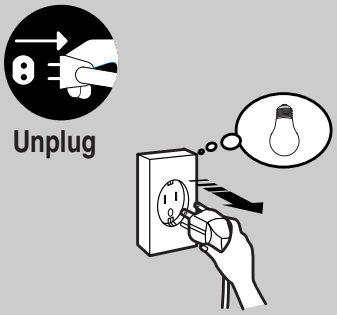
SYMBOLS

	means "Prohibited".
	means "Do not disassemble".
	means "No contact".
	means "Warning or Caution".
	means "Unplug the unit before preforming service"
	means "Earth or Ground".

Warning & Caution

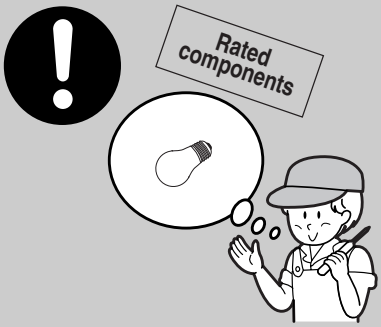
Pull the power plug out to exchange the interior lamp of the refrigerator.

- *It may cause electric shock.*



Use the rated components on the replacement.

- *Check the correct model, rated voltage, rated current, operating temperature and so on.*



On repair, make sure that the wires such as harness are bundled tightly.

- *Bundle tightly wires in order not to be detached by the external force and then not to be wetted.*

On repair, remove completely dust or other things of housing parts, harness parts, and check parts.

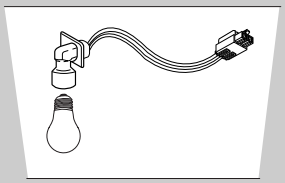
- *Cleaning may prevent the possible fire by tracking or short.*

After repair, check the assembled state of components.

- *It must be in the same assembled state when compared with the state before disassembly.*

Check if there is any trace indicating the permeation of water.

- *If there is that kind of trace, change the related components or do the necessary treatment such as taping using the insulating tape.*



PRECAUTIONS(SAFETY WARNINGS)

✻ Please let users know following warnings & cautions in detail.

Warning & Caution

Do not allow users to put bottles or kinds of glass in the freezer.

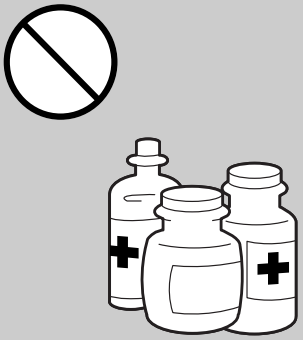
- *Freezing of the contents may inflict a wound.*

Do not allow users to store narrow and lengthy bottles or foods in a small multi-purpose room.

- *It may hurt you when refrigerator door is opened and closed resulting in falling stuff down.*

Do not allow users to store pharmaceutical products, scientific materials, etc., in the refrigerator.

- *The products which temperature control should not be stored in the refrigerator.*



Do not allow users to insert the power plugs for many products at the same time.

- *May cause abnormal generation of heat or fire.*

Do not allow users to disassemble, repair or alter.

- *It may cause fire or abnormal operation which leads to injury.*

Do not allow users to bend the power cord with excessive force or do not have the power cord pressed by heavy article.

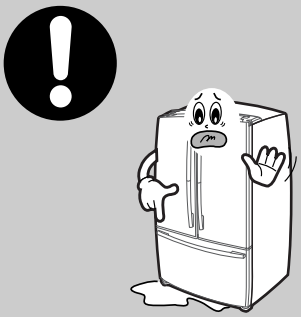
- *May cause fire.*

Do not allow users to store articles on the product.

- *Opening or closing the door may cause things to fall down, which may cause injury.*

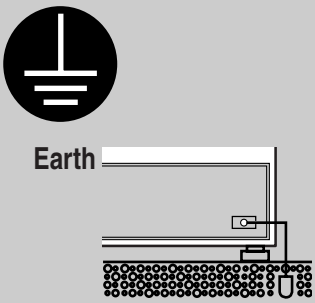
Do not allow users to install the refrigerator in the wet place or the place where water splashes.

- *Deterioration of insulation of electric parts may cause electric shock or fire.*



Make sure of the earth.

- *Be sure the product is properly grounded.*



2. PRODUCT SPECIFICATIONS

2-1) INTRODUCTION OF MAIN FUNCTION 8

2-2) SPECIFICATIONS 11

2-3) INTERIOR VIEWS 12

2-4) MODEL SPECIFICATION 13

2-5) MODEL SPECIFICATION &SPECIFICATION CHART 14

2-6)DIMENSIONS OF REFRIGERATOR (INCHES) 17

2-7) OPTIONAL MATERIAL SPECIFICATION 18

2-8) REFRIGERANT ROUTE IN REFRIGERATION CYCLE 19

2-9) COOLING AIR CIRCULATION 20

2. PRODUCT SPECIFICATIONS

2-1) Introduction of main function

- **A newly Developed SAMSUNG bottom mount freezer in 2008 has the following characteristics.**

	Surround Multi Flow • Uniform cooling for each shelf and even in corner in fresh food compartment by centerpositioned fan and duct with multiple flow effluences
	Twin Cooling System • The refrigerator and the freezer have two evaporators. Given this independent system, the freezer and the refrigerator are cooled individually as required and are, therefore, more efficient. Food odor from the refrigerator does not affect food in the freezer due to separate air flow circulation.
	Electronic control from outside of Pantry Cover • Adjustable temperature control ((around 41 ℉(5℃) : Deli / around 38 ℉(3℃) : Fresh / around 34 ℉(1℃) Chilled) Temperature control from outside of the Pantry : user friendly design helps keep foods fresh for longer
	16" Pizza Corner • Can be used for 16" pizza if stand flip tilting pocket.
	Ice and Water Dispenser • The ice and water dispenser provides ice and cold water at any time.
	Secure Auto Close Door System • Secure Auto Close Door System • Cool tight doors • Energy saving • Preventing sweat on fridge doors

2. PRODUCT SPECIFICATIONS

▶ Changing Items

NO	Item	Details	Basic Model(RF265AA)	New Model(RF26DB**)
1	Display	Display panel is on the door to use the Ice & Water Dispenser more convenient.	Display on Top Table	Display on Door
2	Pantry	Adding “Deli” mode to store the foods fresher.		
3	Shelf	Slide Out Shelf is adopted to store the foods more convenient.		
4	Drawer	The right Vegetable drawer can be fully taken out even the left door is closed.		
5	Ice Maker	Compact Ice Maker is installed for the Ice & Water Dispenser.		
6	Dispenser	Dispenser provides water, ice or iced water.		

2. PRODUCT SPECIFICATIONS

▶ New Items

NO	Item	Details of New Items	New Model(RF26DB**)
1	Foldable Shelf	This shelf is attached on the left side of cabinet and can be folded. This design improves the space utilization.	
2	Quick Space Shelf	The half of this shelf can be slid in. This design secures enough space to store tall things.	

2-2) Specifications

ELECTRICAL SPECIFICATIONS

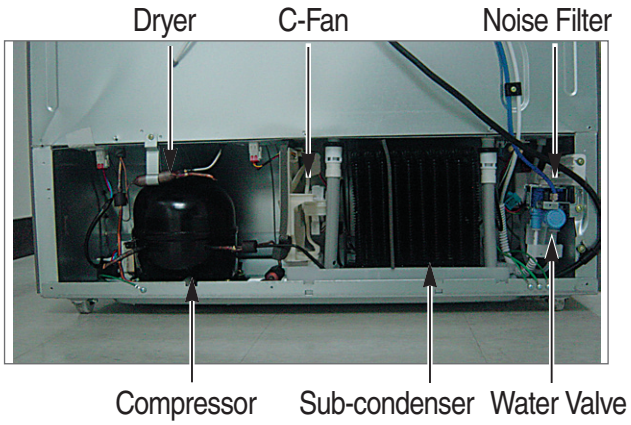
Defrost Control ..... From 24 to 32 hrs
Thermo Bimetal Protector .....140°F(60℃)(off) 104°F(40℃)(on)
Defrost Thermistor(502AT) ..... 50°F(10℃)(off)
Electrical Rating ..... AC115V 60Hz 11.6 Amps / 220V~240V 50Hz
Maximum Current Leakage ..... 0.25 mA
Maximum Ground Path Resistance ..... 0.1 Ohm
Energy Consumption 570KWh/year

NO LOAD PERFORMANCE

Ambient Temperature	70°F(21℃)	90°F(32℃)
Refrigerator,°F	34°F(1℃)~46°F(8℃)	34°F(1℃)~46°F(8℃)
Freezer,°F	-14°F(-26℃)~8°F(-13℃)	-14°F(-26℃)~8°F(-13℃)
Run Time,%	<40	<60

REFRIGERATION SYSTEM

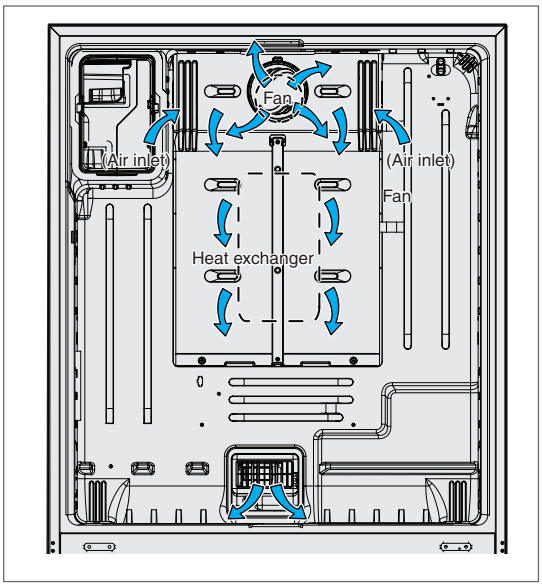
Refrigerant Charge (R134a)..... 5.64 oz(160g)
Compressor((MK172D-R2U) ..... 897 Btu/hr(0.263kw)
Compressor oil ..... Freol α -10
Capillary tube(Dia, Length) ..... 0.032 " ,118 " (0.81mm,2997mm)
Dryer ..... Molecular Sieve XH-9



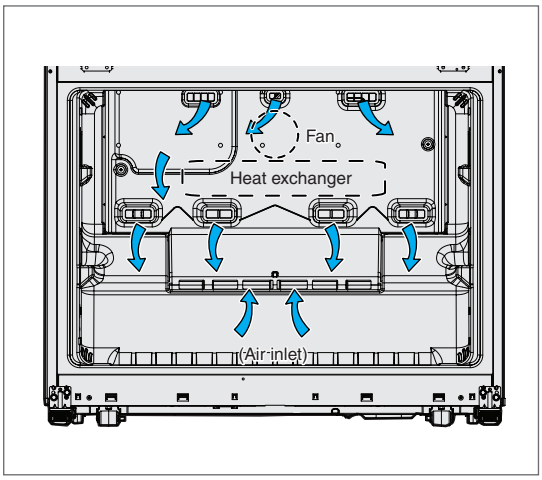
INSTALLATION

Clearance must be provided for air circulation
AT TOP ..... 1 " (25mm)
AT SIDES ..... 0.5 " (15mm)
AT REAR ..... 1 " (25mm)

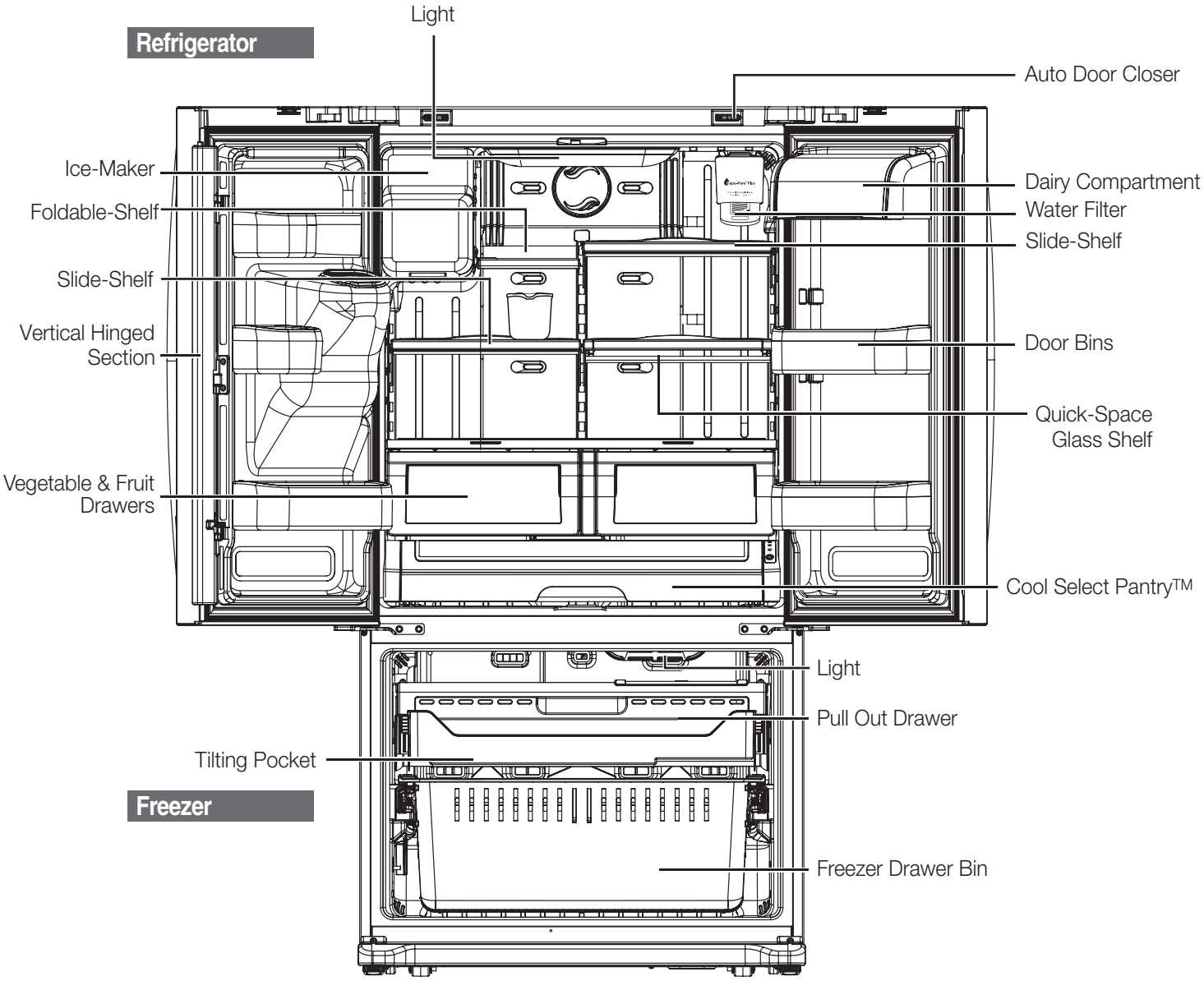
Refrigerator



Freezer



2-3) Interior Views



2-4) Model Specification

ITEM			SPEC	SAMSUNG	MAYTAG	LG
				RF267AA/RF26DB	MFI2568AES	LFX25960ST
Appearance						
Product Zone			Cooling Tech	Twin Cooling	Mono Cooling	Mono Cooling
			Door Shape	Contour	Contour	Contour
			Special Room	Cool Select Pantry	Pantry	Pantry
Performance	Cooling Speed(Min)	F-Room	250 ↓	209.8	246	224
		R-Room	250 ↓	201.8	575	232
	89.6 °F(32°C)	F-Room	-26.0 ↓	-28.7	-27.2	-28.8
		R-Room	2.0 ↓	1.0	1.6	-1.8
	109.4 °F(43°C)	F-Room	-18.0 ↓	-21.9	-20.9	-22.5
		R-Room	5.0 ↓	1.1	5.9	0.8
	Temperature Distribution (Fridge)	F-Room	2.0 ↓	0.1	0.6	1.3
		R-Room	2.0 ↓	0.2	1.1	0.5
	Operation rate	N-N	60% ↓	54.0	60.7	56.5
Noise	Sound power level		46dB ↓	42.9	47.0	41.7
	Sound Pressure level		45dB ↓	41.2	48.2	40.1

2-5) Model Specification & Specification Chart

ITEM	Model		RF267AA / RF26DB
			Ice & Water Dispenser with Pantry
External size	W		35.7 inch (908mm)
	D	On Cabinet	29.1 inch (740mm)
		W/O Handle	32.9 inch (836mm)
		With Handle	35.6 inch (905mm)
	H	W/O Hinge Cap	68.6 inch (1744mm)
		With Hinge Cap	69.8 Inch (1778mm)
Net Capacity	Total		25.5Cu.ft (722.1 ℓ)
	Freezer		8.2Cu.ft (230.6 ℓ)
	Refrigerator		17.3Cu.ft (491.5 ℓ)
Efficiency of volume			50.17%
Weight	Set		330 Pounds (150kg)
	Packing		363 Pounds (165kg)
Packing	Width		38.6 Inch (980mm)
	Depth		39.4 Inch (1001mm)
	Height		75.7 Inch (1923mm)
Compressor			reciprocate
Rated Frequency and Frequency			AC 115V/60Hz / AC 230V 50Hz
Refrigerant			R 134a
Foaming agent			C-Pantane
Refrigerant Input Amount			5.64 oz (160g)
Kind of Refrigerator			Indirect Cooling Method Refrigerator
Motor Rated Consumption Power			140A
Electric Heater Rated Consumption Power			380W

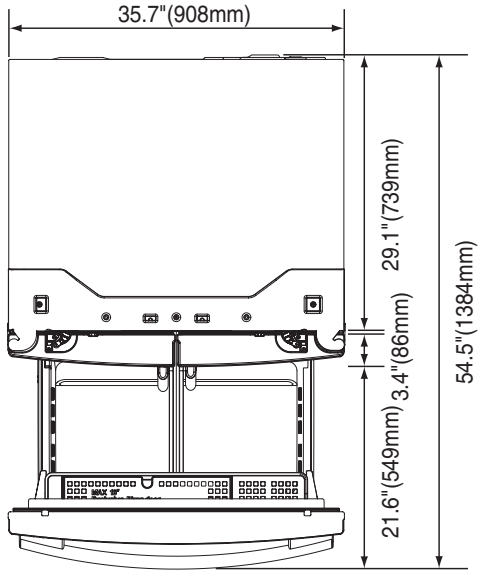
COLOR			
	Cabinet (Both sides of Embo)	Door	Molding
Black	All Black	Empire Black	I Black
Real STS	Noble STS	Versailles Stainless	Creamy STS
White	Snow White	Snow White	Snow White
Platinum STS	Noble STS	Stainless Platinum	Creamy STS

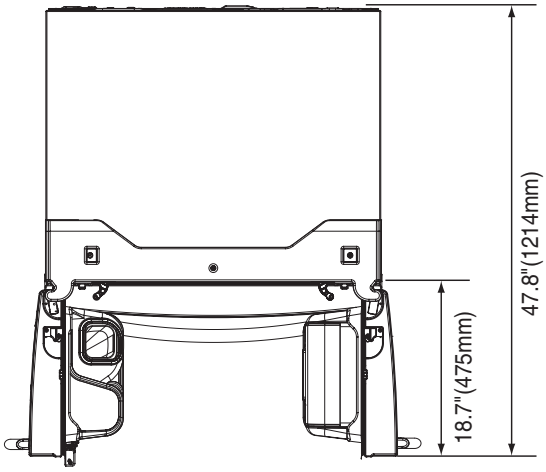
2-5) Model Specification & Specification Chart

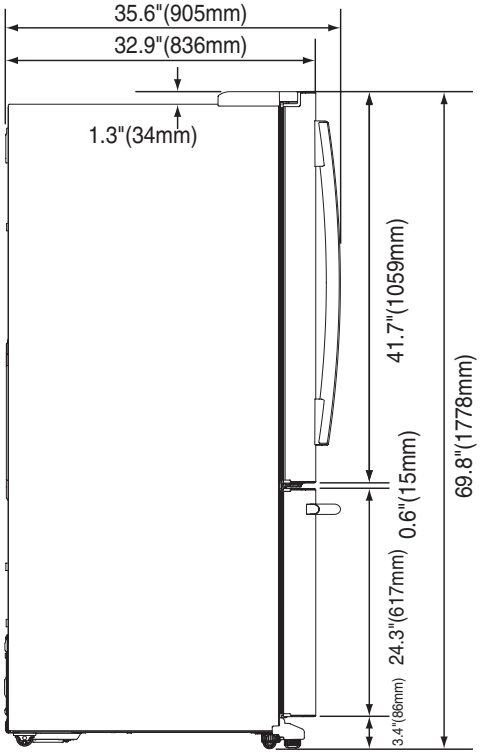
Items				Specification	
Model				RF267AA / RF26DB	
Components for Freezer	Compressor		Model	MK172D-R2U / MK190QL2U	
			Starting type	R.S.C.R	
			Oil Charge	FREOL α - 10	
	Evaporator		Freezer	SPLIT FIN TYPE	
			Refrigerator	SPLIT FIN TYPE	
	Condenser			Forced and natural convection type	
	Dryer			Molecular sieve XH-9	
	Capillary tube(Dia x Length)			0.032” x 118” (0.81mm x 2997mm)	
	Refrigerant			R134a	
Room Temperature Sensor Components	Freezer	Model	Temperature Selection	ON(℉)	OFF(℉)
		THERMISTOR (F-SENSOR) 502AT	-14℉(-26℃)	-11℉(24℃)	-17℉(-27℃)
			-2℉(-19℃)	1℉(-17℃)	-5℉(-21℃)
			8℉(-13℃)	11℉(-12℃)	5℉(-15℃)
	Refrigerator	Model	Temperature Selection	ON(℉)	OFF(℉)
		THERMISTOR (R-SENSOR) 502AT	34℉(1℃)	36℉(2℃)	32℉(0℃)
			38℉(3℃)	40℉(4℃)	36℉(2℃)
			46℉(8℃)	48℉(9℃)	44℉(7℃)
Defrost Related Components	Defrost Cycle	First Defrost Cycle (Concurrent defrost of F and R)		6hr ±10min	
		Defrost Cycle(FRE)		12~23hr(vary according to the conditions used)	
		Defrost Cycle(REF)		6~11hr(vary according to the conditions used)	
		Pause time		12 ±1min	
	Defrost Sensor	F Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0 KΩ at 77℉(25℃)	
		R Defrost-Sensor	Model	THERMISTOR (502AT)	
			SPEC	5.0 KΩ at 77℉(25℃)	
	Bimetal	F Bimetal-thermo Protector	Rated	AC 125V 10A / AC 250V 3A	
			Operating temperature	Off : 140℉(60℃) / On : 104℉(40℃)	
		R Bimetal-thermo Protector	Rated	AC 125V 10A / AC 250V 3A	
			Operating temperature	Off : 140℉(60℃) / On : 104℉(40℃)	

Items			Specification
Model			RF267AA / RF26DB
Electric Components	Defrost Heater(FRE)	Conducting af F Defrost	AC 115V, 240W / AC 230V, 240W
	Defrost Heater(REF)	Conducting at R Defrost	AC115V, 120W / AC 230V, 120W
	DISPENSER Heater	Interlock with French Heater	AC115V, 3W / AC 230V, 3W
	FRENCH Heater	-	AC115V, 10W / AC 230V, 10W
	ICE Duct Heater	Interlock with Defrost Heater (FRE)	AC115V, 4W / AC 230V, 4W
	Water Tank Heater	-	DC 12V, 2W
	Bimetal thermo For Preventing Overheating of Refrigerator Lamp		AC125V 10A / AC250V 3A Off: 140℉(60℃)/ On : 104℉(40℃)
	Condenser for COMP (Package type)	Running	12㎌ ,250V / 5㎌ ,450V
		Starting	-
	Starting-Relay	Model	J531Q33E100M200-2
		Operation	10 Ω ± 20%
	Over load Relay	Model	4TM435RFBYY-53
		Temp.ON	266 ± 41℉(130 ± 5℃)
		Temp.OFF	141.8 ± 48.2℉(61 ± 9℃)
	Rated Voltage		AC 115V/60Hz / 220~240V/50Hz
	MOTOR-BLDC(FRE)		DC12V / FDQT06SS3
	MOTOR BLDC(ICE ROOM)		DC12V / DREP5020LB
	MOTOR-BLDC(REF)		DC12V / FDQT06SS3
	MOTOR-BLDC(CIRCUIT)		DC12V / FDQT04SS2
	MOTOR-DAMPER(PANTRY)		DC12V / NSBY001TA1
	Lamp(FRE)		AC 120V / 60W(1EA) / AC 230V 40W(1EA)
	Lamp(REF)		AC 120V / 60W(2EA) / AC 230V 60W(2EA)
	Door Switch	FRE	AC 125V 1.5A (1EA) / AC 250V 0.5A
		REF	DC200V 1.5A / MS-406-SS-01(2EA)
		REF(ICE ROOM)	125~250V /11A, EMB606
	Power cord		AC125V 15A / AC 250V 10A
	Earth Screw		BSBN (BRASS SCREW)

2-6)Dimensions of Refrigerator (Inches)







2-7) Optional Material Specification

RF267AA

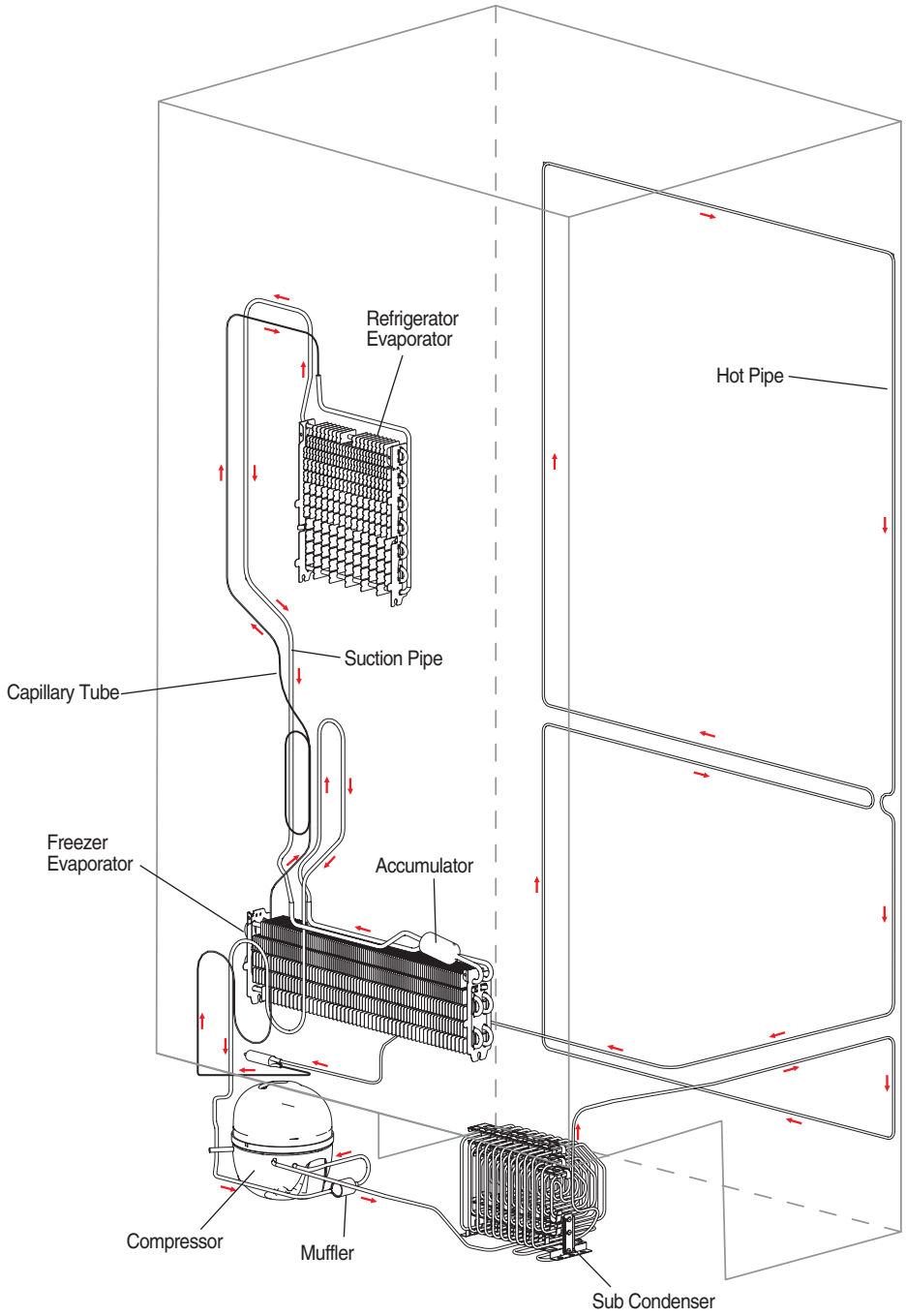
	Part Name	Part Code	AMOUNT
	FILTER WATER-ASSY	DA29-00003B	1
	ASSY-PACKING SUB	DA99-00240G	1
	LAMP INCANDENT	4713-001223	3

RF26DB

	Part Name	Part Code	AMOUNT
	ASSY-INSTALL FILTER	DA97-01469W	1
	PIPE-CONNECT WATER PACKING	DA62-01329A	1
	LAMP INCANDENT	4713-001232(REF) : 60W 4713-001201(FRE) : 40W	3

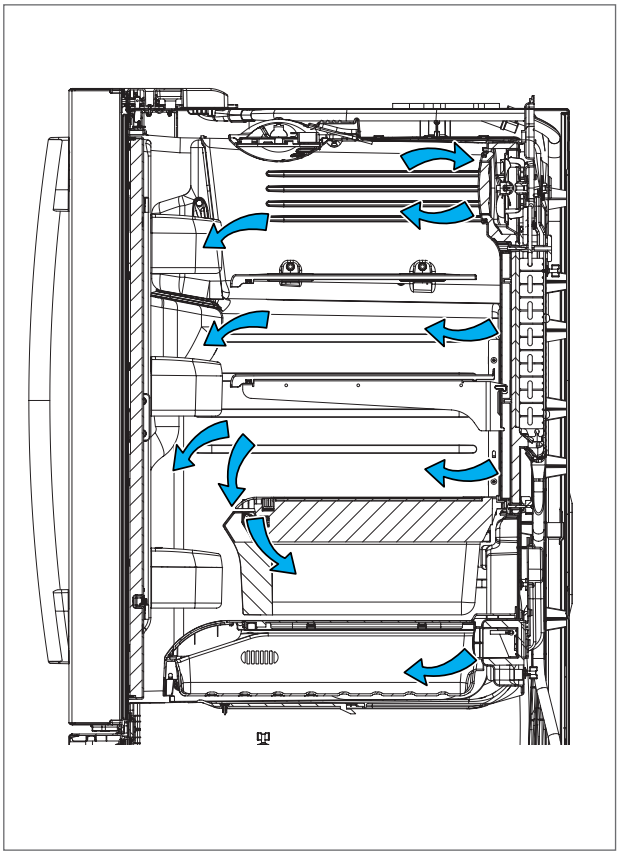
2-8) Refrigerant Route in Refrigeration cycle

Compressor → Sub-condenser → Hot Pipe → Dryer → Capillary Tube → Refrigerator Evaporator → Freezer Evaporator→ Suction Pipe → Compressor

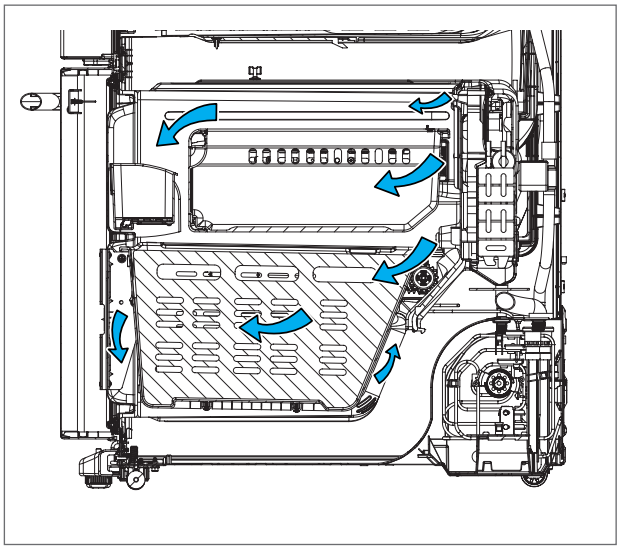


2-9) Cooling Air Circulation

Refrigerator



Freezer



3. DISASSEMBLY AND REASSEMBLY

3-1) PRECAUTION 22

3-2) REFRIGERATOR DOOR 23

3-3) DOOR SWITCH IN REFRIGERATOR 25

3-4) DOOR GASKET 25

3-5) DOOR HANDLE 25

3-6) REFRIGERATOR LIGHT 26

3-7) COVER-DISPLAY & WATER-DISPENSER 26

3-8) WATER-DISPENSER 27

3-9) GLASS SHELF 28

3-10) FOLDABLE GLASS SHELF 29

3-11) VEGETABLE & FRUIT DRAWERS SHELF 29

3-12) COOL SELECT PANTRY 30

3-13) WATER TANK 31

3-14) MOTOR DAMPER 33

3-15) WATER FILTER (DISASSEMBLY) 33

3-16) WATER FILTER (REASSEMBLY) 34

3-17) GALLON DOOR BIN 34

3-18) VERTICAL HINGED SECTION 35

3-19) EVAPORATOR COVER IN REFRIGERATOR 36

3-20) EVAPORATOR IN REFRIGERATOR 37

3-21) FREEZER DOOR 38

3-22) PULL OUT DRAWER 39

3-23) ICE-MAKER 40

3-24) FREEZER LIGHT 41

3-25) DOOR SWITCH IN FREEZER 41

3-26) EVAPORATOR COVER IN FREEZER 42

3-27) EVAPORATOR IN FREEZER 42

3-28) MACHINE COMPARTMENT 43

3-29) ELECTRIC BOX 46

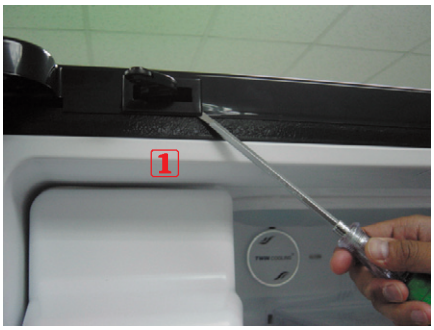
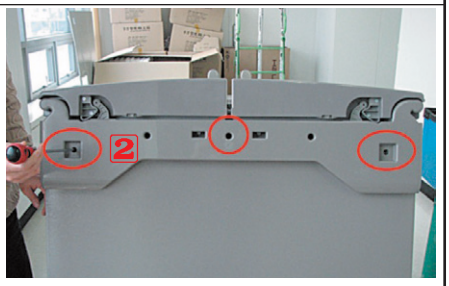
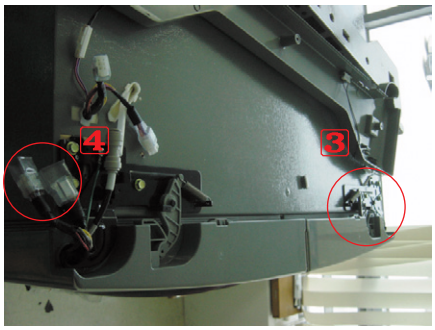
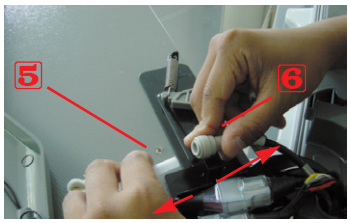
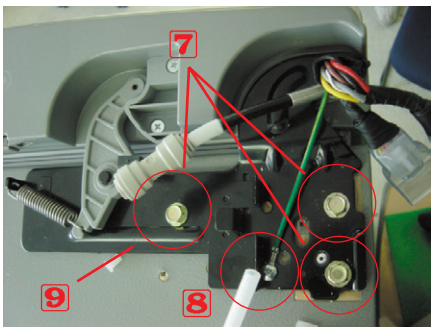
3-1) PRECAUTION

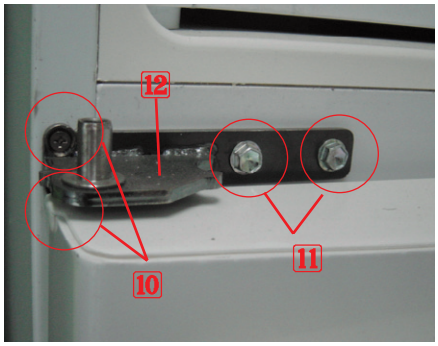
- Unplug the refrigerator before cleaning and making repairs.
- Do not dissemble or repair the refrigerator by yourself.
  - You run risk of causing a fire, malfunction and/or personal injury.
- Remove any foreign matter or dust from the power plug pins.
  - Otherwise there is a risk of fire.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not plug several appliances into the same multiple power board. The refrigerator should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
  - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Do not install the refrigerator in a damp place or place where it may come in contact with water.
  - Deteriorated insulation of electrical parts may cause an electric shock or fire.
- The refrigerator must be grounded.
  - You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
- Do not put bottles or glass containers in the freezer.
  - When the contents freeze, the glass may break and cause personal injury.
- Do not store volatile or flammable substances in the refrigerator.
  - The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.

- NEED TOOL

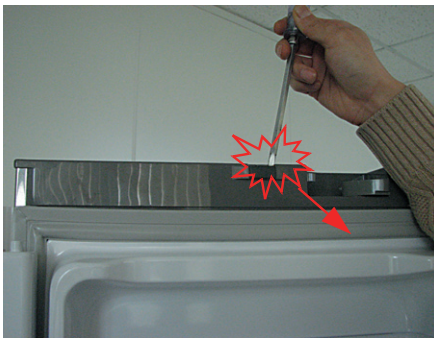
IMAGE	ITEM	USE
	Phillips Head Driver	Use for assembling and disassembling of screw
	Flat Head Driver	Use for assembling and disassembling of HomeBar, Dispenser, Deli Cartessen Box, Main PBA etc...
	Hex Wrench Ø 2mm	Use for assembling and disassembling of Handle
	Socket Wrench Ø 10mm	Use for assembling and disassembling of Door Hinge

3-2) Refrigerator Door

Part Name	How To Do	Descriptive Picture
Refrigerator Door	1. With the door opened, remove the Top Table cap(1) with a Flat head screwdriver, and close the door. 2. Remove the 3 screw holding down the Top Table and remove the Top Table(2).	
	3. Disconnect the electrical connector(3) above the upper right door hinge and the 3 electrical connectors(4) above the upper left door hinge. Disconnect the water tube(5) by pulling the tube fitting(6) apart as shown in the picture.	  
	4. Remove the 3 hex head bolts(7) found attatched to the upper left and right door hinges with a Wrench(10mm). With a Philips head screwdriver, remove the ground screw(8) found attatched to the upper left and right door hinges. Remove the upper left and right door hinges(9).	

Part Name	How To Do	Descriptive Picture
Refrigerator Door	5. Lift the door straight up to remove.	
	6. With a Philips head screwdriver, remove the two screws (10) attatched to the lower left and right door hinges. With a Wrench(10mm), remove the 2 hex head bolts(11) attatched to the lower left and right door hinges. Remove the lower left and right door hinges(12).	

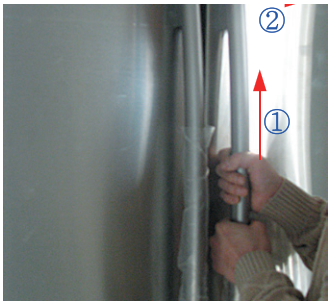
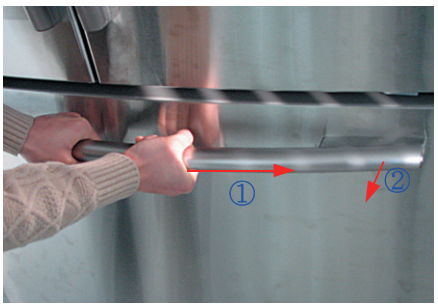
3-3) Door Switch In Refrigerator

Part Name	How To Do	Descriptive Picture
Door Switch In Refrigerator	1. Remove the magnet switch with using a flat-blade(-) screwdriver. (Refer to the picture)	

3-4) Door Gasket

Part Name	How To Do	Descriptive Picture
Door Gasket In Refrigerator	1. Remove the door-gasket by pulling it out of the retaining channel.	

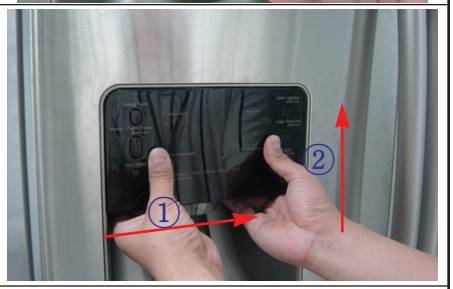
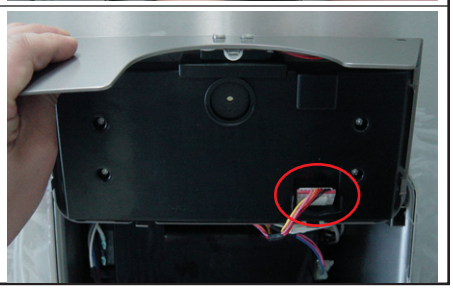
3-5) Door Handle

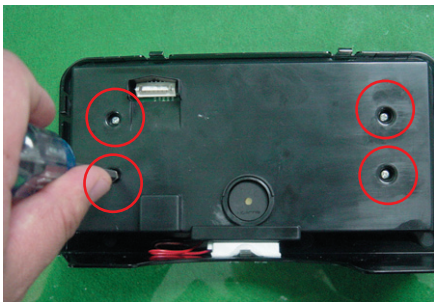
Part Name	How To Do	Descriptive Picture
Door Handle Refrigerator	1. Remove the door handle of refrigerator by lifting it up and pulling it out. (Refer to the picture)	
Door Handle Freezer	1. Remove the door handle of freezer by pushing it to the right and pulling it out. (Refer to the picture)	

3-6) Refrigerator Light

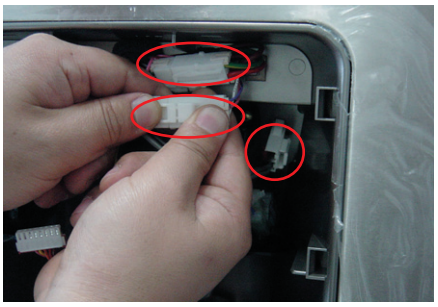
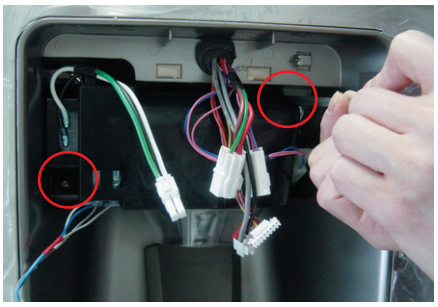
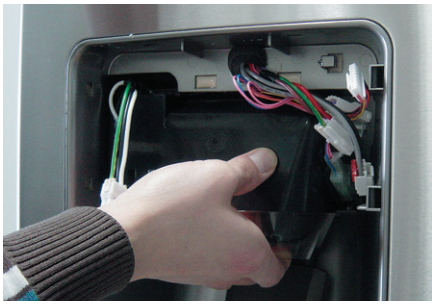
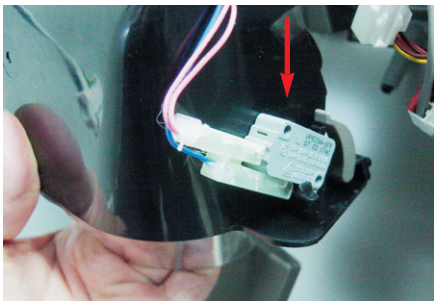
Part Name	How To Do	Descriptive Picture
Refrigerator Light	1. Remove the light cover by pulling it down with pushing the rear of light cover.	
	2. Remove the lamp by turning it counterclockwise.	

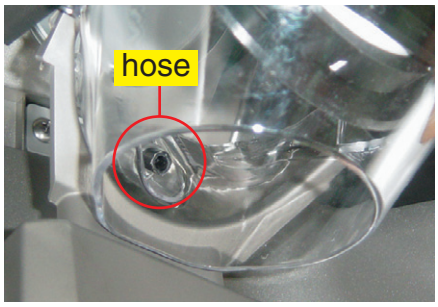
3-7) Cover-display & water-dispenser

Part Name	How To Do	Descriptive Picture
Cover-display	1. Insert a flat-blade screwdriver on the slot as shown in the picture, and unlock the tabs.	
	2. Remove the display cover by pushing it to the right side and pulling it up.	
	3. Disengage the housing connect of display cover	

Part Name	How To Do	Descriptive Picture
Cover-display	4. Remove 4 screws of cover-display	

3-8) Water-dispenser

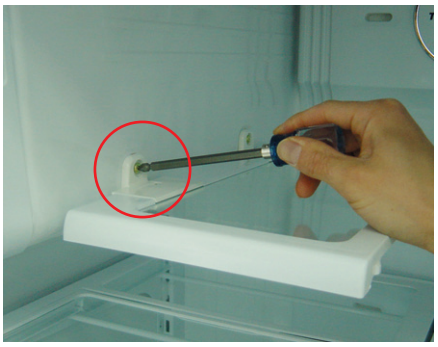
Part Name	How To Do	Descriptive Picture
Water-dispenser	1. Disengage the 3 Housing Connect.	
	2. Remove 2 screws of the CaseIce,Route Assy.	
	3. Pull the Case-Ice,Route Assy.	
	4. Push the hook and remove the Micro Switch.	

Part Name	How To Do	Descriptive Picture
Water-dispenser	1. Assembly shall be the contrary order from the disassemble. Case-Rce and Route shall be assembled inside of hose. Otherwise, assemble cannot be accomplished.	
	2. When assembling Cover-Display, first insert it from leftside and then assemble to rightside. Otherwise, the tab can be broken.	

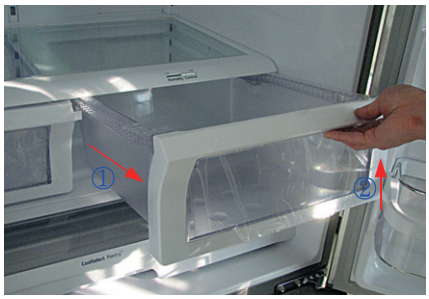
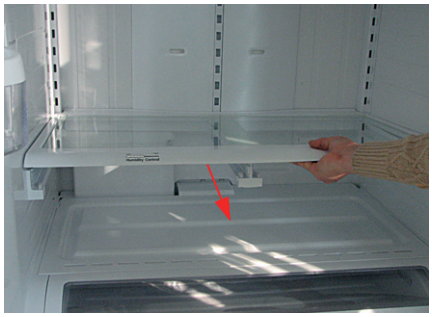
3-9) Glass Shelf

Part Name	How To Do	Descriptive Picture
Glass Shelf	Remove the shelf by lifting the front plane of the shelf up and pulling it out.	

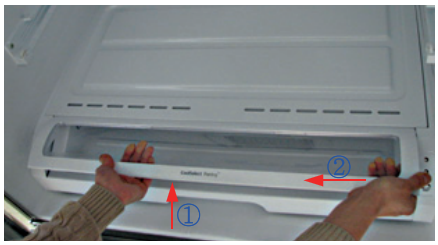
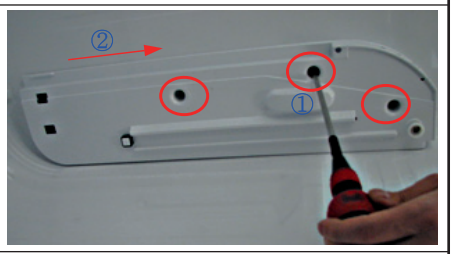
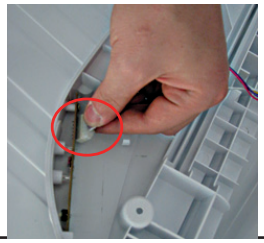
3-10) Foldable Glass Shelf

Part Name	How To Do	Descriptive Picture
Foldable Glass Shelf	Remove 2 screws of the Fold Glass Shelf	

3-11) Vegetable & Fruit Drawers Shelf

Part Name	How To Do	Descriptive Picture
Vegetable & Fruit Drawers Shelf	1. Remove the vegetable & fruit drawer by pulling the roller part and lifting it up.	
	2. Remove the vegetable & fruit drawers shelf by pulling it out. (Refer to the picture)	

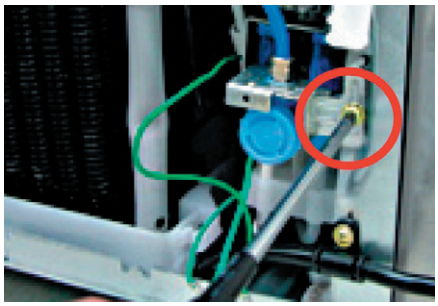
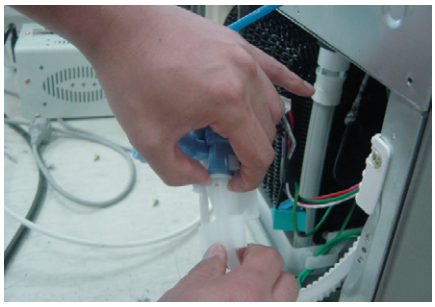
3-12) Cool Select Pantry

Part Name	How To Do	Descriptive Picture
Cool Select Pantry	1. Remove the cool select pantry by pulling the roller part and lifting it up.	
Cool Select Pantry Cover	1. Remove the cool select pantry cover by lifting the central part of the cover while pushing it to the left.	
Cool Select Pantry Shelf	1. Remove the cool select pantry shelf by lifting the front part of the shelf while pulling it.	
Cool Select Pantry Rail	1. Remove the cool select pantry rail by unscrewing the 3 screw parts and pulling the rail.	
	2. Disconnect the housing connector from the internal rail part. (Refer to the picture)	

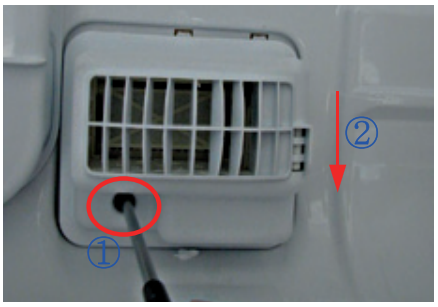
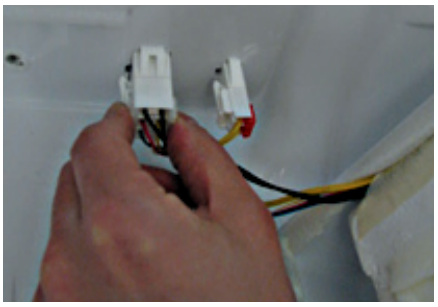
3-13) Water Tank

Part Name	How To Do	Descriptive Picture
Water Tank	The Water Tank is located in the lower part of the fridge. Before disassembling the Water Tank take out shelf and drawers and pantry located in front of the Water Tank. 1. Remove 2 screw of the Water Tank cover.	
	2. Disengage the housing connector.	
	3. Remove the 2 screws attached to the Water Tank heater. Remove the Water Tank heater.	
	4. Remove the 2 screws attached to the Water Tank. Remove the Water Tank cover.	

3-13) Water Tank

Part Name	How To Do	Descriptive Picture
Water Tank	One water Tube is located in the machine compartment of the refrigerator. Before disassembling the Water Tube, take out the compressor cover. 5. Remove the water valve fixed by the screw.	
	6. Disconnect the water tube by pushing the tube fitting apart as shown in the picture.	
	The other Water Tube is located in the Top Table of the refrigerator. Before disassembling the Water Tube, take out the Top table. 7. Disconnect the Water Tube by pushing the tube fitting apart as shown in the picture.	
	8. Remove the Water Tank by pulling the Water Tube.	

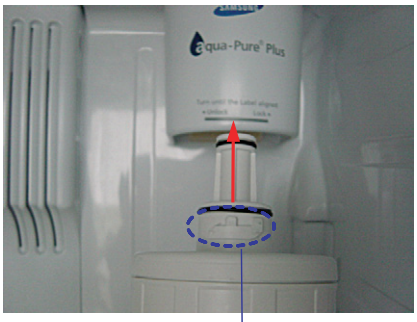
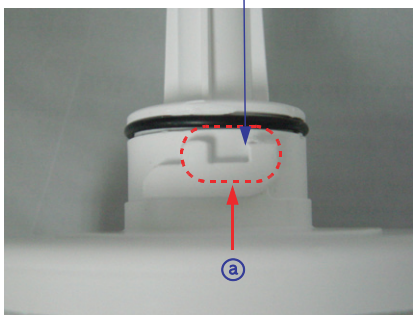
3-14) Motor Damper

Part Name	How To Do	Descriptive Picture
Motor Damper	1. Remove the cool select pantry. Remove the screw part of lower motor damper part and then push the motor damper down.	
	2. Disengage 2 housing connectors from the rear motor damper. (Refer to the picture)	

3-15) Water Filter (Disassembly)

Part Name	How To Do	Descriptive Picture
Water Filter	1. Remove the shelf by lifting the front plane of the shelf up and pulling it out. 2. Remove the water filter by turning it clockwise. (Refer to the picture)	

3-16) Water Filter (Reassembly)

Part Name	How To Do	Descriptive Picture
Water Filter	1. Place the part of (ⓐ) arrow (that is indicating in the picture) in the middle of the front filter cover and push it up.	 
	2. Turn the water filter counterclockwise until central horizontal line of filter cover and both ends of water filter label are made all of the same width. (Refer to the picture.)	

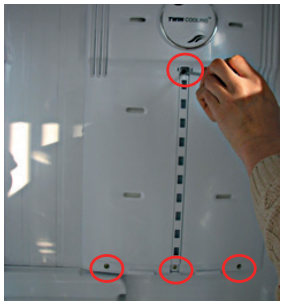
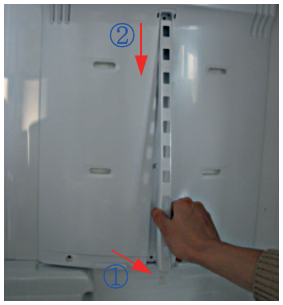
3-17) Gallon Door Bin

Part Name	How To Do	Descriptive Picture
Gallon Door Bin	1. Remove the gallon door bin by lifting it up. (Refer to the picture)	

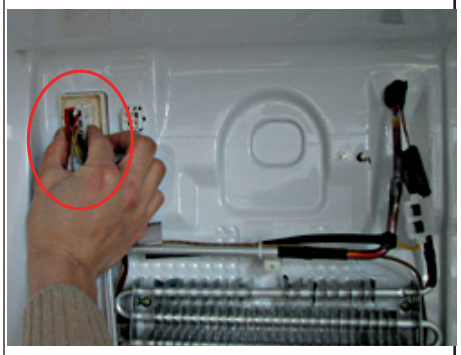
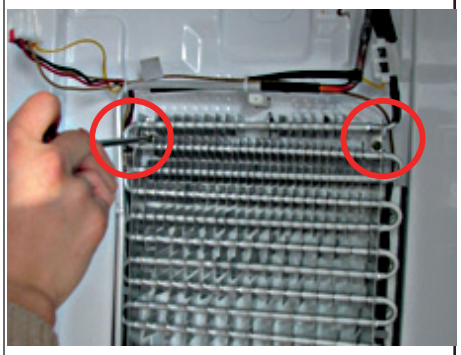
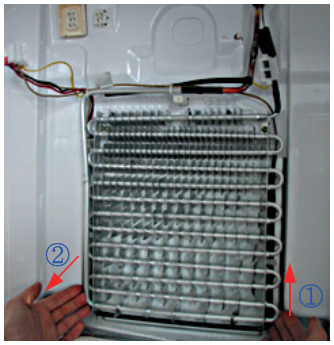
3-18) Vertical Hinged Section

Part Name	How To Do	Descriptive Picture
Vertical Hinged Section	1. Remove 2 screw cap parts with a flat-blade(-) screwdriver. (Refer to the picture)	
	2. Unscrew 2 screws.	
	3. Disengage the internal housing connector of the vertical hinge.	
	4. Remove the vertical hinged section by lifting the vertical hinge up. (Refer to the picture)	

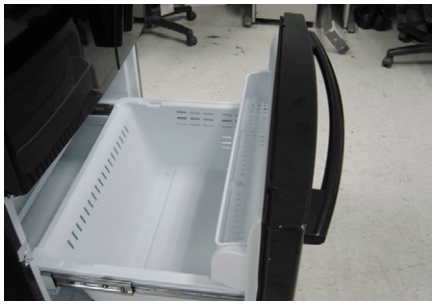
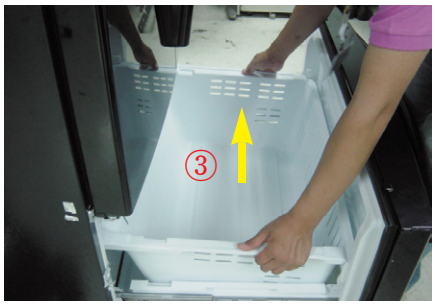
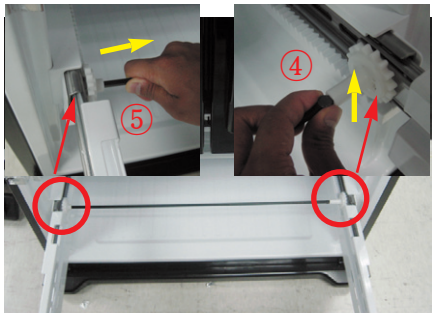
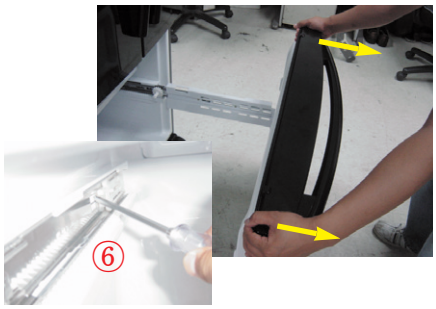
3-19) Evaporator Cover In Refrigerator

Part Name	How To Do	Descriptive Picture
Evaporator Cover In Refrigerator	1. Remove the angle cap with a flat-blade screwdriver. (Refer to the picture)	
	2. Unscrew 4 screws.	
	3. Remove the the lower part of angle mid by pulling it out and pushing it down. (Refer to the picture)	
	4. Remove the hook by pulling it from the lower part and pushing the cover down. (Refer to the picture)	
	5. Disconnect the housing connector of the rear plane. (Refer to the picture)	

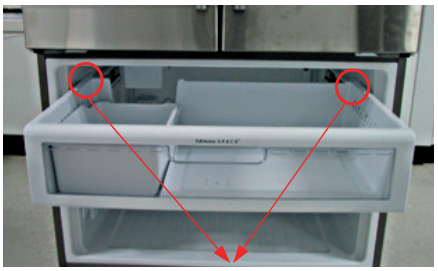
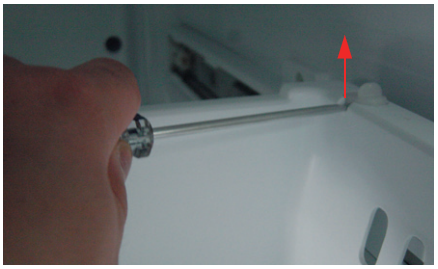
3-20) Evaporator In Refrigerator

Part Name	How To Do	Descriptive Picture
Evaporator In Refrigerator	1. Remove the the housing cover by pushing both lateral sides of the housing cover and pulling it out. (Refer to the picture)	
	2. Disconnect the housing connector part. (Refer to the picture)	
	3. Unscrew 2 screws.	
	4. Remove the evaporator by lifting the bottom side of it up and pulling it out. (Refer to the picture)	

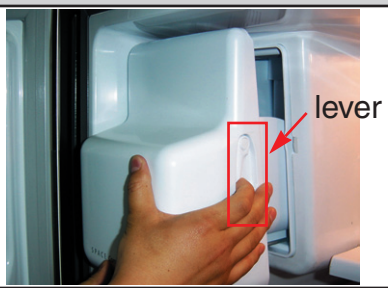
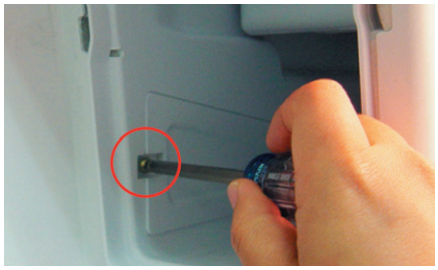
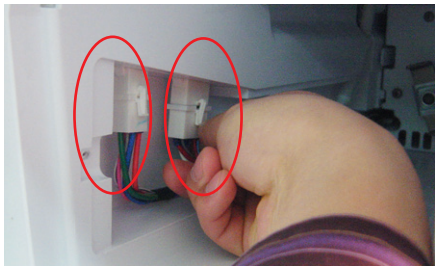
3-21) Freezer Door

Part Name	How To Do	Descriptive Picture
Freezer Door	1. Pull the drawer open to full extension.	
	2. Remove the tilting Pocket(①) by pulling the both brackets(②) upward at the same time.	
	3. Take out the lower basket(③) by lifting the basket up from rail system.	
	4. Remove a fixing pin(④) and remove a shaft(⑤) by pushing it to the right side with your hand.	
	5. Separate the rail from the rail cover by pushing the hooks (⑥) in on both sides of the rail. After pusing the hooks in, remove the drawer by pulling towards you with both hands.	

3-22) Pull Out Drawer

Part Name	How To Do	Descriptive Picture
Pull Out Drawer	1. Slide the drawer out as much as possible.	
	2. Insert a flat screw driver(-) into the gap and then push it up to diassemble.	
	3. Remove the pull out drawer by lifting the bottom part of drawer bin and pulling it out.	

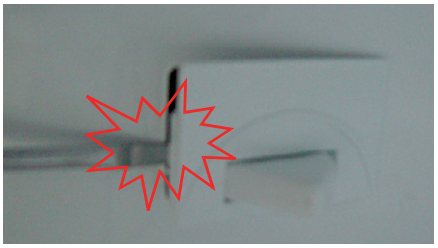
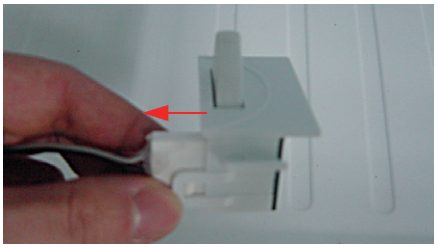
3-23) Ice-Maker

Part Name	How To Do	Descriptive Picture
Ice Maker	1. Pull the Ice-Bucket lever and out	
	2. Remove 1 screw of the Cover	
	3. Disassemble the cover with a flat-blade(-) screwdriver and pull it out.	
	4. Disengage the 2 housing connector.	
	5. Push hook and pull the Ice-Maker out.	
	6. To disassemble, push the tab and pull the case-auger and the motor out.	

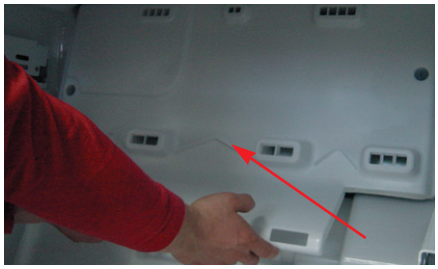
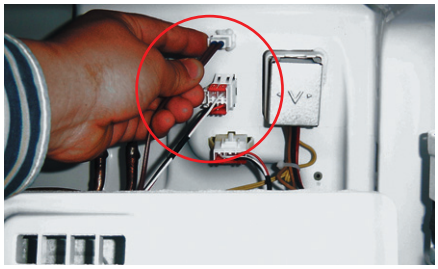
3-24) Freezer Light

Part Name	How To Do	Descriptive Picture
Freezer Light	1. Remove the light by pulling the light cover down while pushing the rear plane of light cover.	

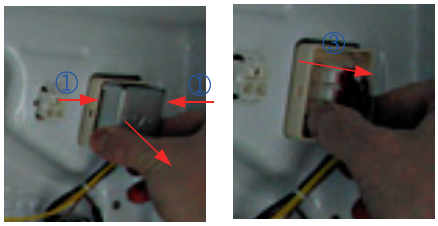
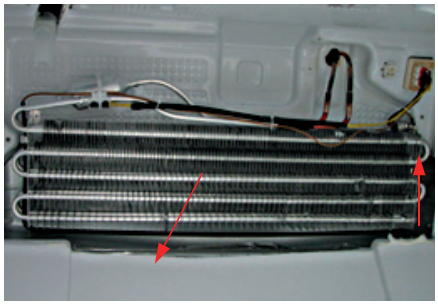
3-25) Door Switch In Freezer

Part Name	How To Do	Descriptive Picture
Door Switch In Freezer	1. Remove the freezer drawer bin by using a flat-blade(-) screwdriver.(Refer to the picture)	
	2. Disconnect the housing connector part.	

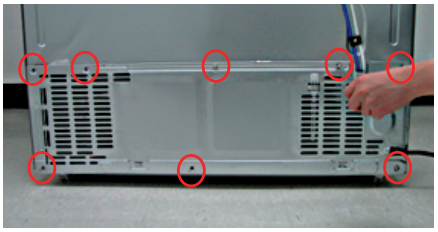
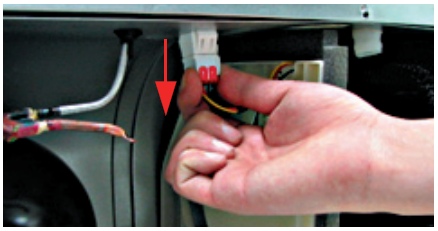
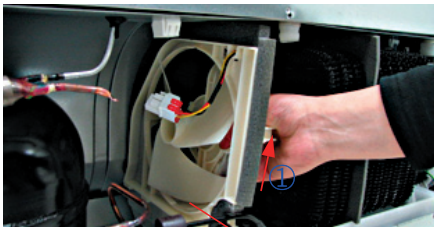
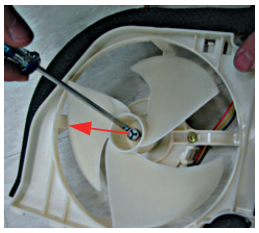
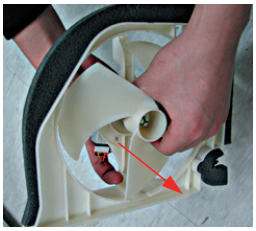
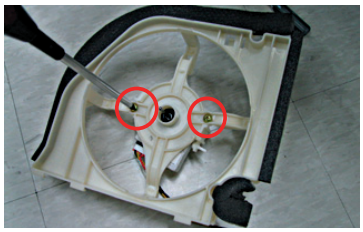
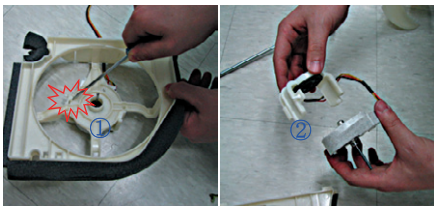
3-26) Evaporator Cover In Freezer

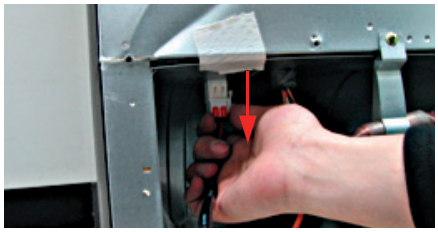
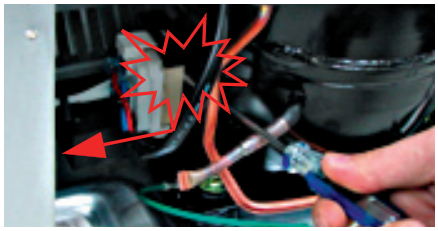
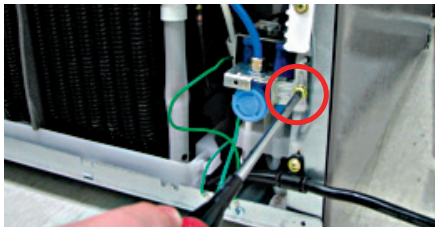
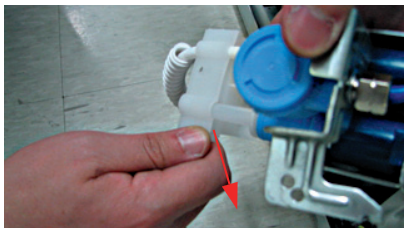
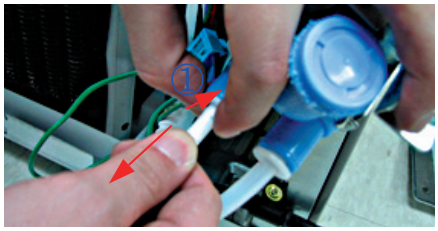
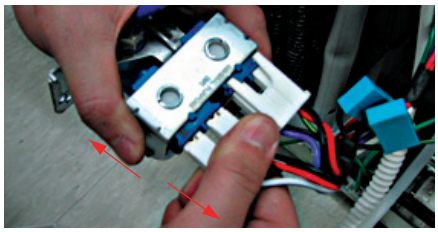
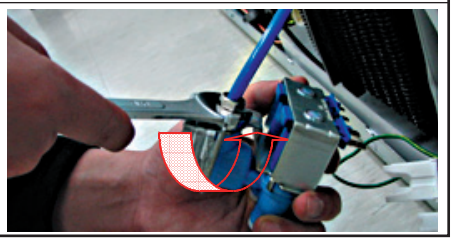
Part Name	How To Do	Descriptive Picture
Evaporator Cover In Freezer	1. Remove the freezer door and freezer drawer bin by pulling out the drawer and then unscrewing 2 screws.	
	2. Lift up the evaporator cover.	
	3. Disengage the 3 housing connector and remove the evaporator cover.	

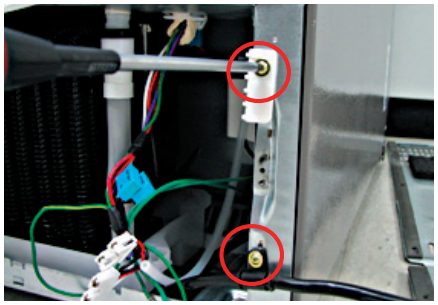
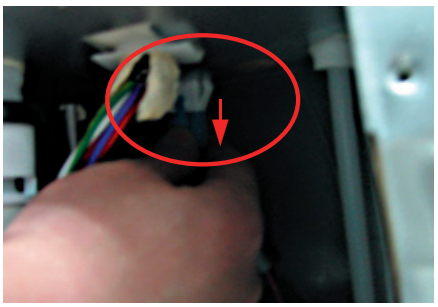
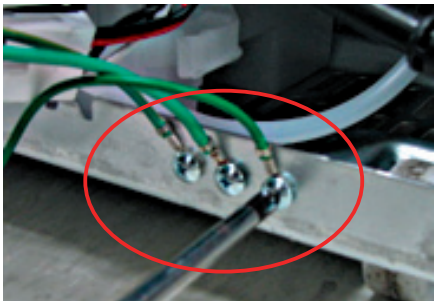
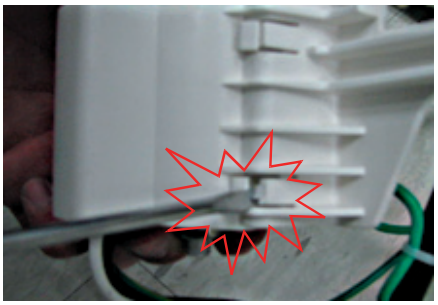
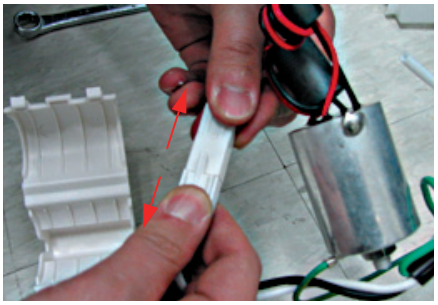
3-27) Evaporator In Freezer

Part Name	How To Do	Descriptive Picture
Evaporator In Freezer	1. Remove the housing cover by pushing both lateral sides of housing cover part and pulling it out. Remove the housing connector part.	
	2. Remove the evaporator by pulling the lower part of the evaporator while lifting it up.	

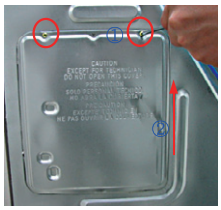
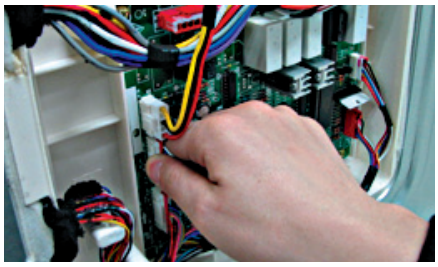
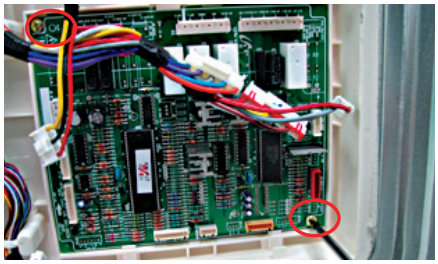
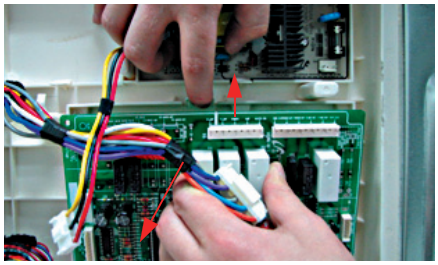
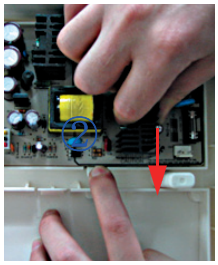
3-28) Machine Compartment

Part Name	How To Do	Descriptive Picture
Motor Fan	1. Unscrew 8 screws of cover compressor.	
	2. Disengage the housing connector. (Refer to the picture)	
	3. Remove the hooker of support circuit motor by lifting the hooker up and pulling it out.	
	4. Remove the spring with a flat-blade screwdriver. (Refer to the picture)	
	5. Remove the motor fan by pulling the fan out while grasping the motor part. (Refer to the picture)	
	6. Unscrew 2 screws fixed in the motor.	
	7. Remove the hook of the motor cover with a flat-blade (-) screwdriver and then remove the motor.	

Part Name	How To Do	Descriptive Picture
Relay PTC & O/L	1. Disengage the housing connector.	
	2. Remove the relay PTC with a flat-blade screwdriver. (Refer to the picture)	
Water Valve	1. Unscrew the water valve fixed by the screw.	
	2. Remove the the hook part of the hose by pushing it down.	
	3. Remove 2 water hose parts while pushing the upper part of ①. (Refer to the picture)	
	4. Disengage 2 housing connector parts.	
	5. Remove the hose connected by the nut with a wrench(8mm).	

Part Name	How To Do	Descriptive Picture
Power Cord & Noise Filter	1. Unscrew 2 screws.	
	2. Disengage the housing connector.	
	3. Unscrew 3 earth screws.	
	4. Remove the cover by pushing the hook up using a flat-blade(-) screwdriver. (Refer to the picture)	
	5. Disengage the housing connector to separate the power cord and noise filter.	

3-29) Electric Box

Part Name	How To Do	Descriptive Picture
PBA Main	1. Pull the refrigerator forward to have enough space to work on the rear side of the appliance.	
	2. Unscrew 2 screws for the PCB cover.	
	3. Disengage all housing connectors connected with main PCB.	
	4. Unscrew 2 PCB fixed screws.	
	5. Remove the main PCB while lifting the upper part of the hook up. (Refer to the picture)	
PBA SMPS	1. Remove the cover PCB and then disengage the housing connector connected with main PCB. Remove the SMPS PCB while pushing the lower part of the hook down.	

4. TROUBLESHOOTING

4-1) FUNCTION FOR FAILURE DIAGNOSIS 48

4-1-1. TEST MODE 48

4-1-2. DISPLAY FUNCTION OF COMMUNICATION ERROR 49

4-1-3. SELF-DIAGNOSTIC FUNCTION 50

4-1-4. DISPLAY FUNCTION OF LOAD CONDITION 53

4-1-5. EXHIBITION MODE SETTING FUNCTION 54

4-1-6. OPTION SETTING FUNCTION 54

4-1-7. OPTION TABLE 57

4-2) DIAGNOSTIC METHOD ACCORDING TO THE TROUBLE SYMPTOM 59

4-2-1. IF THE TROUBLE IS DETECTED BY SELF-DIAGNOSIS 60

4-2-2. IF FAN DOES NOT OPERATE 70

4-2-3. IF ICE ROOM FAN DOES NOT OPERATE 71

4-2-4. IF ICE MAKER DOES NOT OPERATE 72

4-2-5. IF DEFROST DOES NOT OPERATE 73

4-2-6. IF POWER IS NOT SUPPLIED 74

4-2-7. IF COMPRESSOR DOES NOT OPERATE 75

4-2-8. WHEN ALARM SOUND CONTINUOUS WITHOUT STOP 76

4-2-9. IF PANEL PCB DOES NOT WORK NORMALLY 78

4-2-10. IF PANTRY PANEL PCB IS NOT WORKING NORMALLY 79

4-2-11. WHEN REFRIGERATOR ROOM LAMP DOES NOT LIGHT UP 80

4-2-12. IF ICE WATER IS NOT SUPPLIED 81

4-2-13. IF WATER IS NOT SUPPLIED 82

4-2-14. IF CUBED OR CRUSHED ICE IS NOT SUPPLIED 83

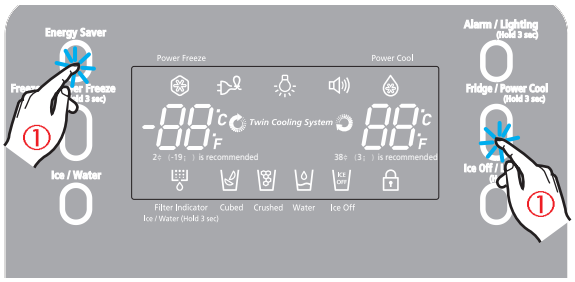
4-2-15. IF COVER ICE ROUTE MOOR IS NOT WORKING NORMALLY 84

4-1) Function for failure diagnosis

4-1-1. Test mode (manual operation / manual defrost function)

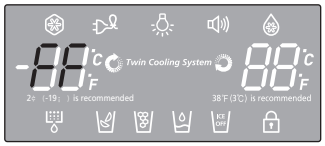
- If Energy Saver Key + Fridge/Power Cool Key on the front of panel are pressed simultaneously for 8 seconds , it will be changed to the test mode and all displays on the front of panel will be off.
- If any key on the front of panel is pressed within 15 seconds after the test mode, it will be operated as below sequence :
  manual operation(fresh food compartment) → manual defrost of fresh food compartment(rd) → manual defrost of fresh food and freezer compartments (Fd) → Cancel(Display all off).
- If any key on the front of panel is not pressed within 15 seconds after the test mode, the test mode will be canceled and it will be returned to previous mode.

1) Manual operation function



① If Energy Saver Key + Fridge/Power Cool Key are pressed simultaneously for 8 seconds, (displays are all off) It will be changed to the test mode (manual operation) by pressing any key

1-1) If any key is pressed once in test mode, blinks "FF" on the display and it indicates the refrigerator has entered the manual operation. At this moment, buzzer beeps as an alarm.



1-2) If manual operation is selected, compressor will run at once without 5 minutes delay in any mode. If the refrigerator is on the defrost cycle at the moment, defrost will be finished and manual operation will begin.
(Be careful if manual operation get started at the moment of compressor off, over load could be occurred)

1-3) If manual operation works, compressor & f-fan operate continuously for 24 hours and fresh food compartment will be controlled by the setting temperature.

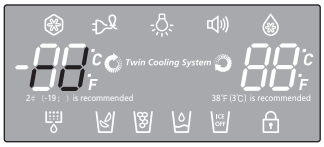
1-4) When the manual operation runs, setting temperature will be selected automatically as below: freezer compartment -14℉(-25℃), fresh food compartment 33.8℉(1℃).

1-5) During manual operation, Power Freeze & Power Cool function will not be worked.
If a function is selected, the power function icon of the selected function will be off automatically after 10 seconds.

1-6) Manual operation can be canceled during manual operation by turning on the appliance after power off(reset) or choosing the step 4) test cancel mode.

1-7) Alarm(0.25 sec ON/ 0.75 sec OFF) will beep continuously until manual operation is completed and there is no function to make the sound stop.

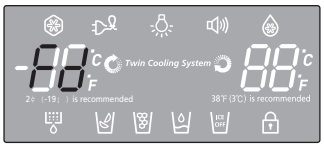
2) Manual defrost(fresh food compartment) function



2-1) If any key is pressed one more time during manual operation(fresh food compartment), "rd" shows in the display and then manual operation will be canceled at once and fresh food compartment will be defrosted.

2-2) At this moment, alarm beeps for 3 seconds(0.1 sec ON/ 1 sec OFF) during manual defrost(fresh food compartment) function.

3) Simultaneous manual defrost(fresh food and freezer compartments) function



3-1) If any key is pressed one more time during manual defrost(defrost of fresh food compartment, "rd"), "Fd" shows on the display and then fresh food and freezer compartments defrost will operate.
Manual defrost of Fresh food and freezer compartments are followed by manual defrost freezer compartment.

3-2) At this moment, alarm beeps for 3 seconds (0.5 sec ON/ 0.5 sec OFF) during manual defrost function of fresh food and freezer compartment.

4) Test cancel mode

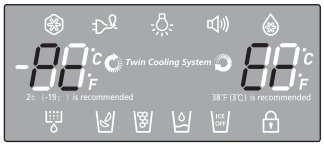
4-1) During defrosting of fresh food and freezer compartments simultaneously, if the display panel change to the test mode and test button is pressed one more time, defrosting of fresh food and freezer compartments will be canceled at the same time and will return to the normal operation.
Or, all test functions will be canceled by turning main power ON and OFF.

4-1-2. Display function of Communication error

1) Display function when Panel ↔ MAIN MICOM communication has error

1-1) If there is no answer for 10 seconds after the panel micom received the requirement of communication, "Pc - Er" display on the panel PCB will be ON/OFF alternately until the communication error is canceled. (0.5 sec ALL ON, 0.5 sec ALL OFF alternately)

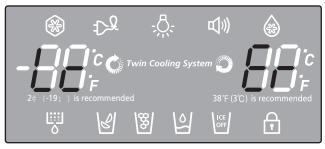
(0.5 sec ALL ON, 0.5 sec ALL OFF alternately)



2) Display function when MAIN ↔LOAD MICOM communication has error

2-1) If there is no answer for 20 seconds after the main micon received the requirement of communication from load MICOM, "Lc - Er" display on the panel PCB will be ON/OFF alternately until the communication error is canceled.

(0.5 sec ALL ON, 0.5 sec ALL OFF alternately)



2-2) Also pantry room display will be ON/OFF alternately until the communication error is canceled.

(0.5 sec ALL ON, 1.5 sec ALL OFF alternately)

4-1-3. Self-diagnostic function

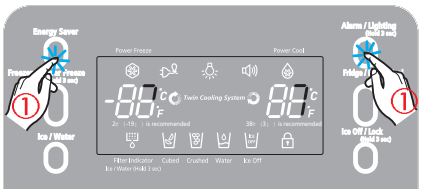
1) Self-diagnostic function in the Initial power ON

1-1) Micom operates self-diagnostic function to check the temperature sensor condition within 1 second when the refrigerator turned On initially.

1-2) If bad sensor is detected by the self-diagnostic function, the applicable display LED will blink for 0.5 sec.
At this moment, there is no beep sound.(Refer to self-diagnostic CHECK LIST)

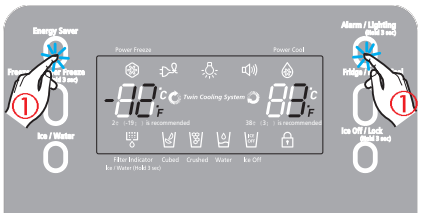
1-3) Self-diagnostic button is recognized only when the error is displayed by the bad sensor. Display does not operate normally but temperature control will be controlled by the emergency operation.

1-4) When the error is detected by self-diagnosis, the error can be canceled automatically if all troubled sensors are corrected or Self-diagnostic function key (Energy Saver Key + Alarm/Lighting Key) are pressed simultaneously for 8 seconds.
(Return to normal display mode)



① If Energy Saver Key + Alarm/Lighting Key are pressed simultaneously for 8 seconds, the error mode by self-diagnosis will be canceled.

2) Self-diagnostic function during normal operation



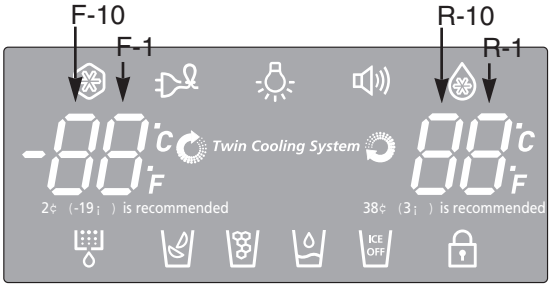
2-1) If Energy Saver Key + Alarm/Lighting Key are pressed simultaneously for 6 seconds during normal operation, the temperature setting display will operate for 2 seconds (ON/OFF 0.5sec each).
If Energy Saver Key + Alarm/Lighting Key are pressed simultaneously for 8 seconds (including above 2 seconds), self-diagnostic function will be selected.

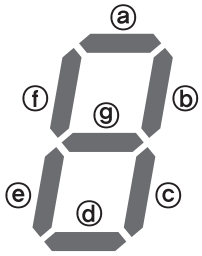
2-2) At this moment, self-diagnostic function will be returned with buzzer sound 'ding-dong'. If there is an error, display of error will be operated for 30 seconds and then return to normal condition whether problem is corrected or not.
(Refer to self-diagnosis CHECK LIST)

2-3) Input by button is not accepted during self-diagnostic function.

∗ Self-diagnosis CHECK LIST

NO	Trouble item	Display LED	Trouble contents
1	Ice Maker Sensor Error	R-1-ⓐ	ICE MAKER SENSOR part error
2	R-Sensor Error	R-1-ⓑ	R SENSOR part error
3	R-DEF-Sensor Error	R-1-ⓒ	R defrost SENSOR part error
4	R-FAN Error	R-1-ⓓ	R inner part error
5	Ice Maker Error	R-1-ⓔ	ICE MAKER operation error
6	R-DEF, Heater Error	R-1-ⓖ	R defrost part error
7	Ambient-Sensor Error	F-1-ⓐ	external SENSOR part error
8	F-Sensor Error	F-1-ⓑ	F SENSOR part error
9	F-DEF-Sensor Error	F-1-ⓒ	F defrost SENSOR part error
10	F-FAN Error	F-1-ⓓ	F inner fan motor part error
11	C-FAN Error	F-1-ⓔ	machine room fan motor part error
12	Ice Room-Sensor Error	F-1-ⓕ	ICE ROOM SENSOR part error
13	F-DEF.-Heater Error	F-1-ⓖ	F defrost part error
14	Ice Room FAN Error	F-10-ⓑ	ICE ROOM inner fan motor part error
15	Pantry-Damper-Heater Error	R-10-ⓐ	Damper Heater open/wire error
16	Pantry-Sensor Error	R-10-ⓑ	Pantry Room SENSOR part error
17	Panel↔Main Micom Error	F-10-ⓖ	Panel↔Mai Micom communication error
18	L↔M communication Error	F-10-ⓕ	LOAD↔Main Micom communication error
19	Water Tank-Heaer Error	R-10-ⓖ	Water Tank Heater open/wire error

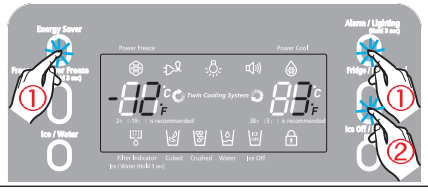




∗ Self-diagnostics check list

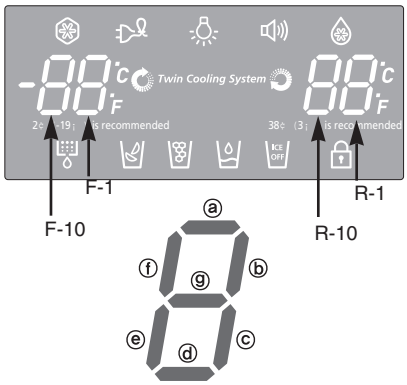
LED	Item	Trouble contents	Diagnostic method
R-1-ⓐ	Ice Maker Sensor Error	Display error : separation of sensor housing part, contact error, disconnection, short circuit Display error of detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F(-50°C)	When checking the voltage of MAIN PCB CN90 #3↔CN90#4 : shall be between 4.5V~1.0V.
R-1-ⓑ	R-Sensor Error		When checking the voltage of MAIN PCB CN30#6↔CN75#1:shall be between 4.5V~1.0V
R-1-ⓒ	R-DEF-Sensor Error		When checking the voltage of MAIN PCB CN30#7↔CN75#:shall be between 4.5V~1.0V
R-1-ⓓ	R-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, separation of motor wire, motor error	Voltage of MAIN PCB CN75 Orange ↔ Gray shall be between 7V~12V
R-1-ⓔ	Ice Maker Error	Display error : ice making kit is harvested more than 3 times and level error ** Apply to the applicable Ice Maker model.	After replacing ice maker, check the operation by turning the appliance ON again.
R-1-ⓖ	R-DEF. Error	Display error : separation of fresh food compartment defrost heater housing part, contact error, disconnection, short circuit or temperature fuse error. Display error : the defrosting does not finish though fresh food compartment defrost is heating continuously for more than 80 minutes.	After separating MAIN PCB CN70,CN71 from PCB, check the resistance value between CN70 White ↔CN71 Orange shall be 102(441) ohm ±7%. (Resistant value is varied by the input power) Check 0 Ohm : heater short, ∞Ohm : wire / bimetal Open.
F-1-ⓐ	Ambient-Sensor Error	Display error : sensor housing separation, contact error, disconnection, short circuit Display error by detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F(-50°C)	When checking the voltage of MAIN PCB CN32#1↔#4 : shall be between 4.5V~1.0V.
F-1-ⓑ	F-Sensor Error		When checking the voltage of MAIN PCB CN30#3↔CN75#1:shall be between 4.5V~1.0V
F-1-ⓒ	DEF-Sensor Error		When check the voltage of MAIN PCB CN30#4↔CN75#1:shall be between 4.5V~1.0V
F-1-ⓓ	F-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, motor wire separation, motor error	Voltage of MAIN PCB CN75 Yellow ↔ Gray shall be between 7V~12V.
F-1-ⓔ	C-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, motor wire separation, motor error	Voltage of MAIN PCB CN75 Sky-blue ↔ Gray shall be between 7V~12V.
F-1-ⓕ	Ice Room Sensor Error	Display error : sensor housing separation,contact error, disconnection, short circuit. Display error by detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F (-50°C)	When check the voltage of MAIN PCB CN32#3↔CN75#1:shall be between 4.5V~1.0V
F-1-ⓖ	F-DEF. Error	Display error : separation of freezer compartment defrost heater housing part , contact error, disconnection, short circuit or temperature fuse error. Display error : the defrosting does not finish though fresh food compartment compartment defrost is heating continuously for more than 70 minutes.	After separating MAIN PCB CN70,CN71 from PCB, check the resistant value between CN70 brown ↔ CN71 Orange shall be 102(220) ohm ± 7%. (Resistant value is varied by input power) Check 0 Ohm : heater short, ∞ Ohm : wire / bimetal Open.
F-10-ⓑ	Ice Room-FAN Error	Display error during operation of applicable fan motor : Feed Back signal line contact error, motor wire separation, motor error	Voltage of MAIN PCB CN76 Black ↔ CN75 Gray : shall be between 6V~12V.
R-10-ⓐ	Pantry-Damper-Heater Error	Display error when open error is detected by damper heater : separation of Damper Heater housing part, contact error, disconnection, short circuit	After separating MAIN PCB CN91from PCB, check the resistant value between Black ↔brown wire shall be 145 ohm ± 7%. Check 0 Ohm : heater short, ∞ Ohm : wire / bimetal Open.
R-10-ⓑ	Pantry-Sensor Error	Display error : separation of sensor housing, contact error, disconnection, short circuit. Display error by detecting temperature of sensor: more than 149°F (+65°C) or less than -58°F(-50°C)	When checking the voltage of MAIN PCB CN30#8 ↔ #9 : shall be between 4.5V~1.0V.
R-10-ⓖ	Water Tank-Heater Error	Display error when open error is detected by Water Tank Heater : separation of Water Tank Heater housing part,contact error, disconnection, short circuit	After separating MAIN PCB CN78from PCB, check the resistant value between Black ↔brown wire shall be 48 ohm 7%. Check 0 Ohm : heater short, ∞Ohm : wire / bimetal Open.
F-10-ⓖ	Panel↔Main communication Error	Display "OP/LC-Er" in the panel with alarm : MICOM MAIN ↔ LOAD communication error MICOM MAIN ↔ PANEL communication error LC-Er is displayed when the Option is not equivalent with the right value	Actually, it is desirable to recheck the condition with the oscilloscope after replacing Main and Panel PCB.
F-10-ⓕ	Load↔Main communication Error		

4-1-4. Display function of Load condition



① If Energy Saver Key + Alarm/Lighting key are pressed simultaneously for 6 seconds, ALL ON/OFF will blink with 0.5interval for 2 seconds.
② If take the finger off from above keys and press Fridge/Power Cool Key, load condition mode will be started.

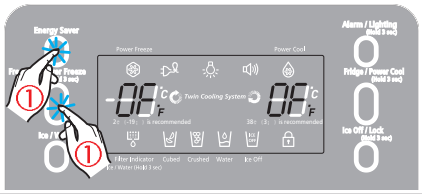
1) If Power Energy Saver Key + Alarm/Lighting key are pressed simultaneously for 6 seconds during normal operation, the temperature setting display of fresh food and freezer compartments will blink ALL ON/OFF with 0.5 for 2 seconds.
2) At this moment, If Fridge/Power Cool Key after Energy Saver Key + Alarm/Lighting Key is pressed, load condition display mode will be returned with alarm.
3) Load condition display mode shows the load that micom signal is outputting.
However, It means that micom signal is outputting, it does not mean whether load is operating or not. That is to say that though load operation is displayed, load could not be operated by actual load error or PCB relay error etc. (This function would be applied at A/S.)
4) Load condition display function will maintain for 30 seconds and then normal condition will be returned automatically.
5) Load condition display is as below.



∗ Load mode Check list

Display LED	Display contents	Operation contents
R-1-ⓐ	R-FAN High	When fresh food compartment fan high operates, applicable LED ON
R-1-ⓑ	R-FAN Low	When fresh food compartment fan low operates, applicable LED ON
R-1-ⓒ	R-DEF Heater	When fresh food compartment defrost heater operates, LED ON
R-1-ⓓ	Start Mode	Initial power ON refrigerator, LED ON
R-1-ⓔ	Overload condition	When ambient temperature is more than 93 ℉(34°C), LED ON
R-1-ⓕ	Low temperature condition	When ambient temperature is less than 72 ℉(22°C), LED ON
F-1-ⓔⓕALL LED Off	Normal Condition	When ambient temperature is between 73 ℉(23°C) ~ 91 ℉(33°C), LED ON
R1-ⓖ	Exhibition Mode	Display mode, LED ON
F-1-ⓐ	COMP.	When compressor operates, applicable LED ON
F-1-ⓑ	F-FAN High	When freezer compartment fan high operates, applicable LED ON
F-1-ⓒ	F-FAN Low	When freezer compartment fan low operates, applicable LED ON
F-1-ⓓ	F-DEF Heater	When freezer compartment defrost heater operates, LED ON
R-10-ⓔ	C-FAN High	When compressor fan high operates, applicable LED ON
R-10-ⓕ	C-FAN Low	When compressor fan low operates, applicable LED ON
F-10-ⓖ	French Heater	When french heater operates, applicable LED ON
F-1-ⓖ	Dispenser Heater	When dispenser heater operates LED ON
F-10-ⓐ	Water Tank Heater	When water tank heater operates LED ON
F-10-ⓓ	Ice Room-FAN High Ice	When Ice room fan high operates LED ON
F-10-ⓔ	Ice Room-FAN Low	When Ice room fan low operates LED ON

4-1-5. Exhibition mode setting function



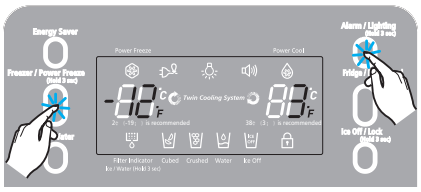
① If Energy Saver Key + Power Freeze Key are pressed for 3 seconds, show room mode will be started.

1) If Energy Saver Key + Freezer/Power Freeze are pressed simultaneously for 3 seconds during normal operation, show room mode will be started with buzzer sound(ding-dong).
2) If above Energy Saver Key + Freeze/Power Freeze are pressed one more time, show room mode will be canceled.
3) If show room mode is selected, blinks "OF-OF" on the temperature setting display of the panel and it indicates the refrigerator has entered the show room mode.
4) During show room mode, if fresh food and freezer compartments sensors are higher than 149℉(65℃) show room mode will be canceled automatically and freezing operation will be returned.
   (There is no buzzer sound when the show room mode is canceled by the temperature)
5) Operation contents of show room mode
   - Display, Fan motor and etc operate normally, not to operate compressor only.
   - Defrost is not operated. (including french heater)
   - Display function of the initial real temperature is finished.
   - Under the condition of show room mode, show room mode will be operated when Power On after Power OFF.

4-1-6. Option setting function

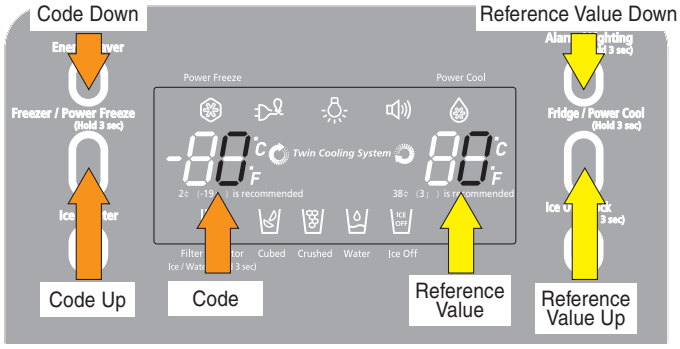
- If Freezer/Power Freeze Key+ Alarm/lighting Key are pressed simultaneously for 12 seconds during normal operation, fresh food and freezer compartments temperature display will be changed to option setting mode.

KEY operation method for changing to option mode



① If Freezer/Power Freeze Key+ Alarm/lighting Key are pressed simultaneously for 12 seconds, option setting mode will be started.

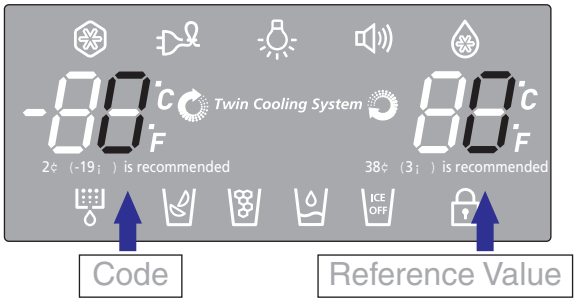
KEY control method after converting to option mode



∗ Key control in option mode

Energy Saver	Code Down key
Freezer/Power Freeze	Code Up key
Alarm/Lighting	Reference Value down key
Fridge/Power Cool	Reference Value Up key

● If the display changes to option setting mode, all displays will be off except freezer and fridge compartments temperature display as below.
(Fresh food and freezer compartments case will be explained only because all options are operated with the same method according to the option table.)

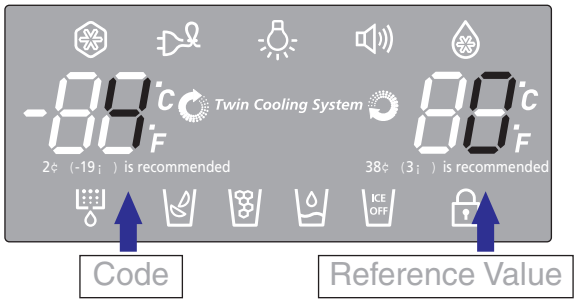


1) For example, if you want to change freezer compartment standard temperature to 28.4℉(-2°C) by operating option, do as below.
This function is for changing the standard temperature.
In -2℉(-19°C) of current temperature of freezer compartment, if you make the temperature lower to 28.4℉(-2°C) by the option, the standard temperature would be controlled -6℉(-21°C)
Therefore, if you change the setting of temperature option to -2℉(-19°C) on the panel, the appliance will be operated with -6℉(-21°C).
It means that standard temperature is controlled 28.4℉(-2°C) less than setting temperature in the display.

NOTE

Basically, option function has cleared data at shipping process.
Therefore, almost all setting value are "0".
Check the product information manual or specifications because setting value could be changed particularly for the purpose of improving product at mass producing process.

2) After changing to the option mode, fresh food compartment "0" , freezer compartment "0" will be displayed. (Basically fresh food compartment "0", freezer "0" would be set at shipping process, but setting value could be changed for the purpose of improving product at mass producing process.)
   - If fresh food compartment "0" shows only, temperature reference value of freezer compartment will be set and current freezer compartment temperature code will be displayed on the freezer temperature display.
3) If freezer compartment "4" is set as below freezer compartment code after fresh food compartment "0 is set, standard temperature of freezer compartment will be lower than 28.4℉(-2.0°C).
   (Refer to the picture "changing the freezer compartment temperature")



: If you wait for 20 seconds after completing the setting, MICOM will save the setting value to the EEPROM and normal display will be returned and the option setting mode will be canceled.

4) Option changing method as above is the same as all RF266/265** model.
5) By the same method as above, it is possible to control the fresh food compartment temperature, water supply, ice-maker harvest temperature/time, defrost return time, hysteresis by temperature, notch gap by temperature etc.
6) Option function is set in the EEPROM at shipping process in the factory.
   You would better not to change the option of your own.
   Completing the setting is that option function return to normal display after 20 seconds.
   Do not turn off the appliance before returning to the normal display mode.

NOTE

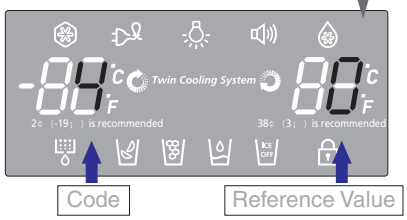
Option setting function exists in the other items.
We will skip the explanation of the other functions by the option because it is associated with refrigerator control function and is not needed at SERVICE.
(Please do not set the other options except above SERVICE Manual.)

4-1-7. Option TABLE

1) Temperature changing table of freezer compartment

Set item	Freezer Temp Shift
MODEL	RF267AA / RF26DB
Reference Value	Fridge Room 7-SEG
	0

Setting value FZ compartment Code	Temp. compensation
0	32°F (0.0°C)
1	31.1 °F(-0.5°C)
2	30.2 °F(-1.0°C)
3	29.3 °F(-1.5°C)
4	28.4 °F(-2.0°C)
5	27.5 °F(-2.5°C)
6	26.6 °F(-3.0°C)
7	25.7 °F(-3.5°C)
8	32.9 °F(+0.5°C)
9	33.8 °F(+1.0°C)
10	34.7 °F(+1.5°C)
11	35.6 °F(+2.0°C)
12	36.5 °F(+2.5°C)
13	37.4 °F(+3.0°C)
14	38.3 °F(+3.5°C)
15	39.2 °F(+4.0°C)



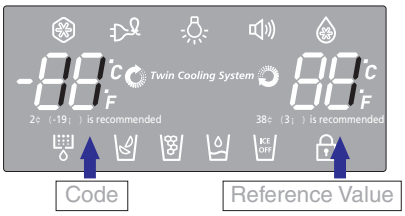
ex) If you want to change the freezer standard temperature to 28.4 °F(-2°C)

2) Temperature changing table of fresh food compartment

Set item	Freezer Temp Shift
MODEL	RF267AA / RF26DB
Reference Value	Fridge Room 7-SEG
	1

Setting value FZ compartment Code	Temp. compensation
0	32°F (0.0°C)
1	31.1 °F(-0.5°C)
2	30.2 °F(-1.0°C)
3	29.3 °F(-1.5°C)
4	28.4 °F(-2.0°C)
5	27.5 °F(-2.5°C)
6	26.6 °F(-3.0°C)
7	25.7 °F(-3.5°C)
8	32.9 °F(+0.5°C)
9	33.8 °F(+1.0°C)
10	34.7 °F(+1.5°C)
11	35.6 °F(+2.0°C)
12	36.5 °F(+2.5°C)
13	37.4 °F(+3.0°C)
14	38.3 °F(+3.5°C)
15	39.2 °F(+4.0°C)

ex) If you want to change the Fresh Food compartment standard temperature to 35.6 °F (2°C)



4-2) Diagnostic method according to the trouble symptom(Flow Chart)

DATA1.Temperature table
Resistance value and MICOM port voltage of sensor according to the temperature
SENSOR CHIP : based on PX41C

˚C	˚F	Voltage	Resistance	˚C	˚F	Voltage	Resistance	˚C	˚F	Voltage	Resistance
-50	-58	4.694	153319	-5	23	3.107	16419	40	104	1.153	2997
-49	-56.2	4.677	144794	-4	24.8	3.057	15731	41	105.8	1.124	2899
-48	-54.4	4.659	136798	-3	26.6	3.006	15076	42	107.6	1.095	2805
-47	-52.6	4.641	129294	-2	28.4	2.955	14452	43	109.4	1.068	2714
-46	-50.8	4.622	122248	-1	30.2	2.904	13857	44	111.2	1.040	2627
-45	-49	4.602	115631	0	32	2.853	13290	45	113	1.014	2543
-44	-47.2	4.581	109413	1	33.8	2.802	12749	46	114.8	0.988	2462
-43	-45.4	4.560	103569	2	35.6	2.751	12233	47	116.6	0.963	2384
-42	-43.6	4.537	98073	3	37.4	2.700	11741	48	118.4	0.938	2309
-41	-41.8	4.514	92903	4	39.2	2.649	11271	49	120.2	0.914	2237
-40	-40	4.490	88037	5	41	2.599	10823	50	122	0.891	2167
-39	-38.2	4.465	83456	6	42.8	2.548	10395	51	123.8	0.868	2100
-38	-36.4	4.439	79142	7	44.6	2.498	9986	52	125.6	0.846	2036
-37	-34.6	4.412	75077	8	46.4	2.449	9596	53	127.4	0.824	1973
-36	-32.8	4.385	71246	9	48.2	2.399	9223	54	129.2	0.803	1913
-35	-31	4.356	67634	10	50	2.350	8867	55	131	0.783	1855
-34	-29.2	4.326	64227	11	51.8	2.301	8526	56	132.8	0.762	1799
-33	-27.4	4.296	61012	12	53.6	2.253	8200	57	134.6	0.743	1745
-32	-25.6	4.264	57977	13	55.4	2.205	7888	58	136.4	0.724	1693
-31	-23.8	4.232	55112	14	57.2	2.158	7590	59	138.2	0.706	1642
-30	-22	4.199	52406	15	59	2.111	7305	60	140	0.688	1594
-29	-20.2	4.165	49848	16	60.8	2.064	7032	61	141.8	0.670	1547
-28	-18.4	4.129	47431	17	62.6	2.019	6771	62	143.6	0.653	1502
-27	-16.6	4.093	45146	18	64.4	1.974	6521	63	145.4	0.636	1458
-26	-14.8	4.056	42984	19	66.2	1.929	6281	64	147.2	0.620	1416
-25	-13	4.018	40938	20	68	1.885	6052	65	149	0.604	1375
-24	-11.2	3.980	39002	21	69.8	1.842	5832	66	150.8	0.589	1335
-23	-9.4	3.940	37169	22	71.6	1.799	5621	67	152.6	0.574	1297
-22	-7.6	3.899	35433	23	73.4	1.757	5419	68	154.4	0.560	1260
-21	-5.8	3.858	33788	24	75.2	1.716	5225	69	156.2	0.546	1225
-20	-4	3.816	32230	25	77	1.675	5039	70	158	0.532	1190
-19	-2.2	3.773	30752	26	78.8	1.636	4861	71	159.8	0.519	1157
-18	-0.4	3.729	29350	27	80.6	1.596	4690	72	161.6	0.506	1125
-17	1.4	3.685	28021	28	82.4	1.558	4526	73	163.4	0.493	1093
-16	3.2	3.640	26760	29	84.2	1.520	4369	74	165.2	0.481	1063
-15	5	3.594	25562	30	86	1.483	4218	75	167	0.469	1034
-14	6.8	3.548	24425	31	87.8	1.447	4072	76	168.8	0.457	1006
-13	8.6	3.501	23345	32	89.6	1.412	3933	77	170.6	0.446	978
-12	10.4	3.453	22320	33	91.4	1.377	3799	78	172.4	0.435	952
-11	12.2	3.405	21345	34	93.2	1.343	3670	79	174.2	0.424	926
-10	14	3.356	20418	35	95	1.309	3547	80	176	0.414	902
-9	15.8	3.307	19537	36	96.8	1.277	3428	81	177.8	0.404	877
-8	17.6	3.258	18698	37	98.6	1.253	3344	82	179.6	0.394	854
-7	19.4	3.208	17901	38	100.4	1.213	3204	83	181.4	0.384	832
-6	21.2	3.158	17142	39	102.2	1.183	3098	84	183.2	0.375	810

4-2-1. If the trouble is detected by self-diagnosis

- The error of sensor will be displayed on the front of display.
  when the error of sensor is detected at initial power ON, the appliance will not operated and display of abnormal sensor part will blink.
- The appliance will not stop operating when the error of sensor is detected during operation of the appliance.
  But normal freezing might be not operated if the appliance is operated by the emergency operation mode. You would better to check the appliance according to the self-diagnosis of the manual.

1) If ICE Maker Sensor has trouble

ERROR Code

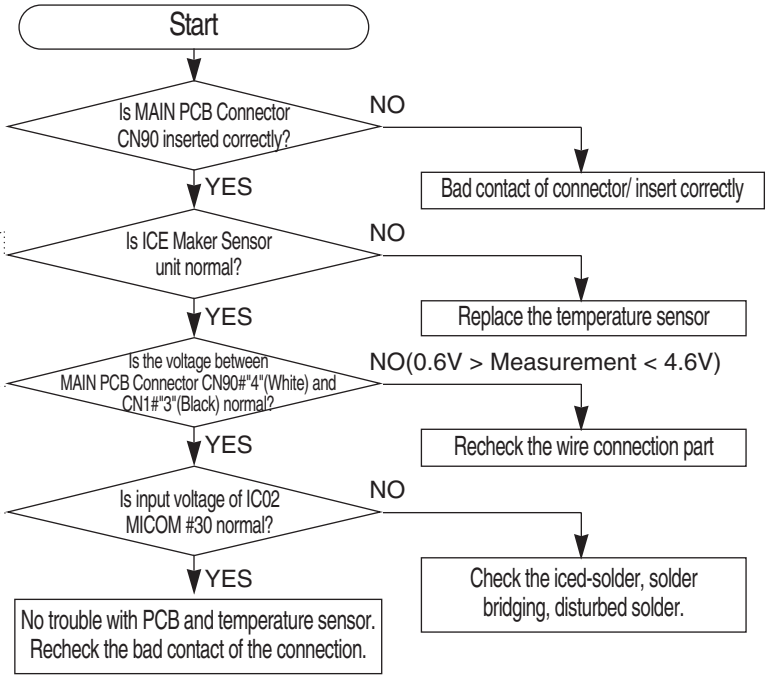
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
ICE MAKER : CN90#8 ↔#4 measuring resistance value
** 0 Ω: Short trouble / ∞ Ω : Open trouble

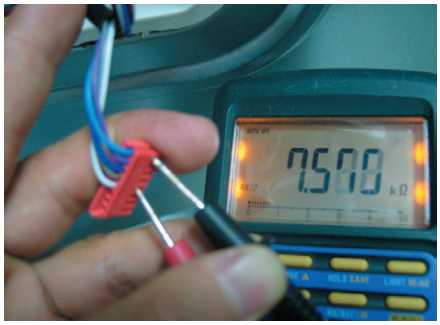
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
ICE Maker	Connector CN90#"4"(White) and CN1#"3"(Black) PCB common Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC02 MICOM #30, CN90#4(White) and CN1#3(Black) from PCB typical Ground part are similar.

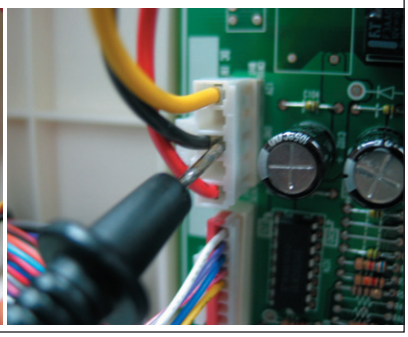


☞ Checking method of ICE Maker Sensor resistance CN90#"8(Sky-blue) ↔ #4"(White)
- Compare the temperature table after the measure.



☞ Checking method of ICE Maker Sensor resistance
- Measure the voltage of Sensor Check Point #6(IC02 MICOM #30) on PCB or CN90#4(White) ↔CN1#3(Black)
- Compare the temperature table after the measure.
  Measuring voltage of CN90#4(White) ↔ CN1#3(Black) are below.

typical PCB Ground
CN1#3(Black)



2) If R Sensor has trouble

ERROR Code

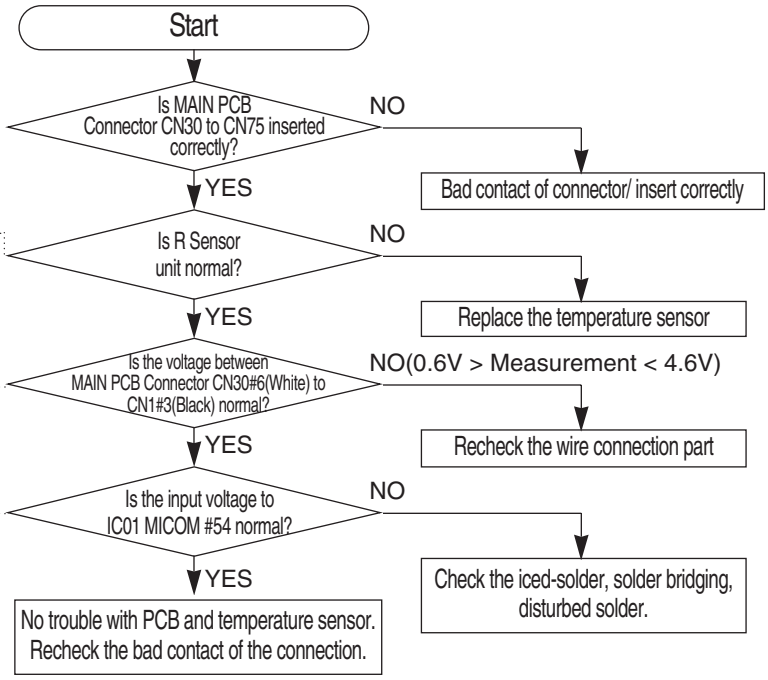
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
R : CN30#6 ↔ CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

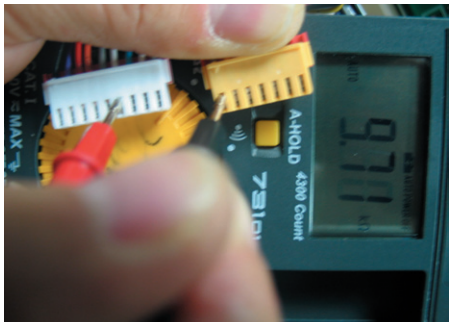
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
R	Connector CN30#6(White) to CN1#3(Black) PCB typical Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage IC01 MICOM #54, CN30#6(White) and CN1#3(Black) from PCB typical Ground part are similar.

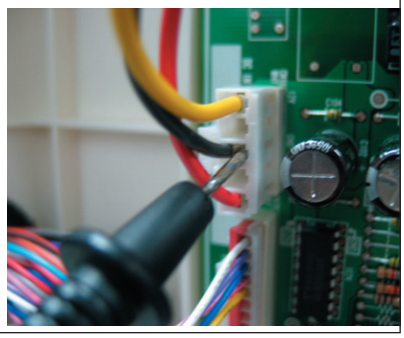


☞ Checking method of R Sensor resistance
CN30#6(White) ↔ CN75#1(Gray) Compare the temperature table after the measure.



☞ Checking method of R Sensor resistance
- Measure the voltage of Sensor Check Point #3(IC01 MICOM #54) on PCB or CN30#6(White) ↔CN1#3(Black)
- Compare the temperature table after the measure.
  Measuring voltage of CN30#6(White)°ICN1#3(Black) are below.

typical PCB Ground
CN#3(Black)



3) If R DEF Sensor has trouble

ERROR Code

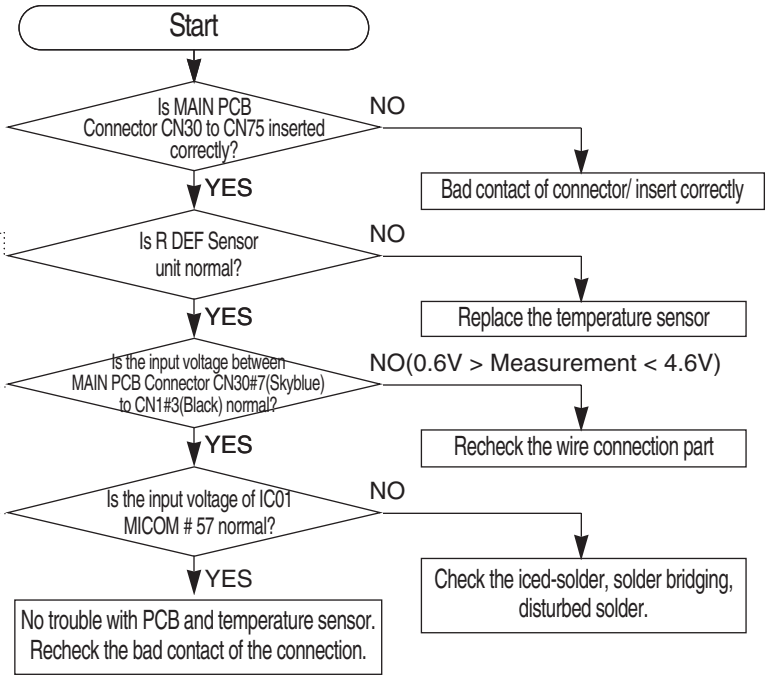
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
R-DEF : CN30#7 ↔ CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

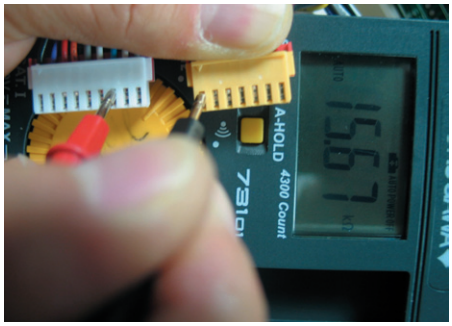
Refer to circuit diagram in the manual

Sensor MICOM/Connector Number	
R DEF	Connector CN30-"7"(Sky-blue) and CN1-"3"(Black) PCB common Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #57, CN30#7(Sky-blue) and CN1#3(Black) from PCB typical Ground part are similar.



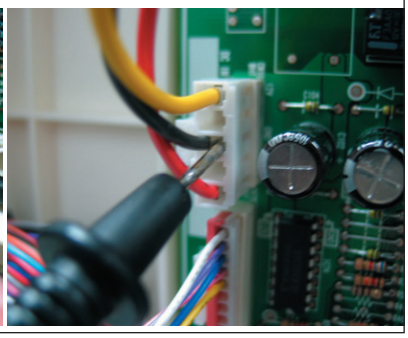
☞ Checking method of R Sensor resistance
CN30#7(Sky-blue) ↔ CN75#1(Gray)
- Compare the temperature table after the measure.



☞Checking method of R DEF Sensor resistance
- Measure the voltage of Sensor Check Point #4(IC01 MICOM #57) on PCB or CN30#7Sky-blue)←CN1#3(Black)
- Compare the temperature table after the measure.

Measuring voltage of CN30#7(Sky-blue) ↔CN1#3(Black) are below.

typical PCB Ground
CN1#3(Black)



4) If Ambient Sensor has trouble

ERROR Code

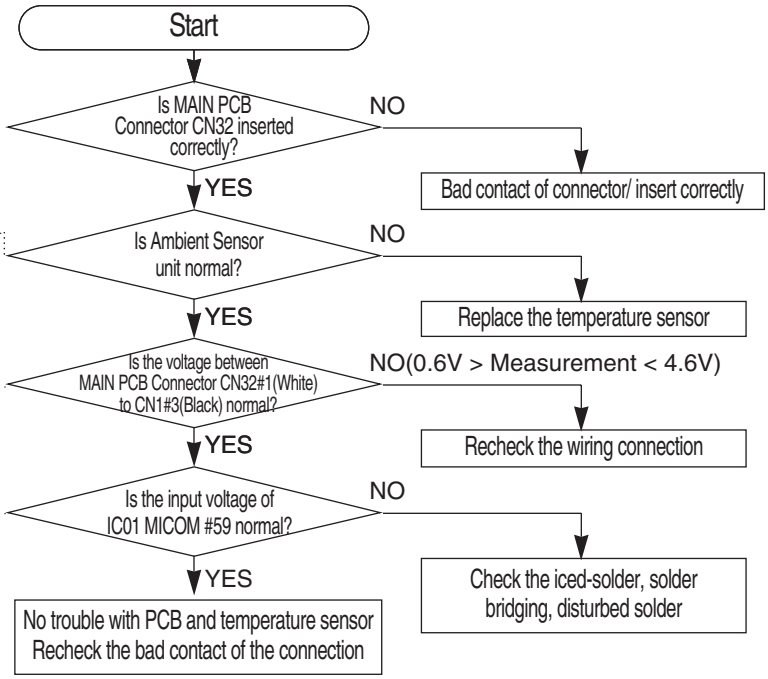
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
Ambient : CN32#1 ↔ #4 measuring resistance value
** Placed in the right top table of upper hinge.
** 0 Ω : Short trouble / ∞ Ω : Open trouble

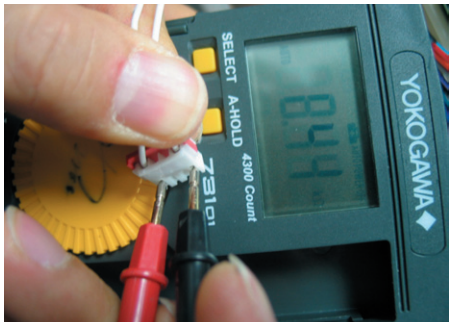
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
Ambient	Connector CN32#1(White) to CN1#3(Black) PCB typical Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #59, CN32#1(White) and CN1#3(Black) from PCB typical Ground part are similar.

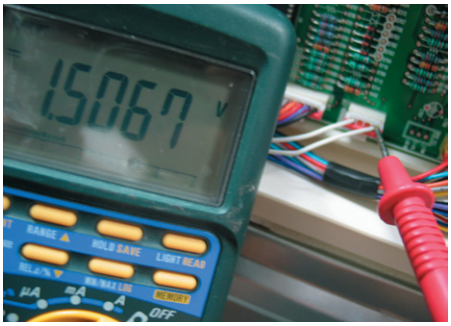


☞ Checking method of Ambient Sensor resistance
CN32#1(White) ↔ #4(White)
- Compare the temperature table after the measure

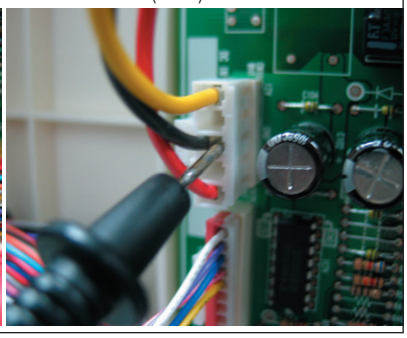


☞ Checking method of Ambient Sensor voltage
- Measure the voltage of Sensor Check Point #7(IC01 MICOM #59) on PCB or CN32#1(White) ↔CN1#3(Black)
- Compare the temperature table after the measure

Measuring voltage of CN32#1(White) ↔CN1#3(Black) are below



typical PCB Ground
CN1#3(Black)



5) If F Sensor has trouble

ERROR Code

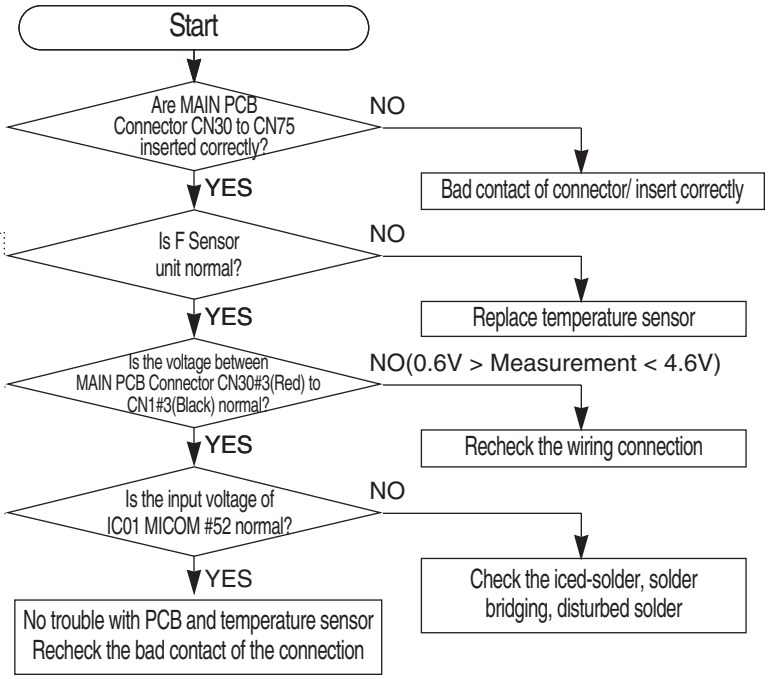
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
F : CN30#3 ↔ CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

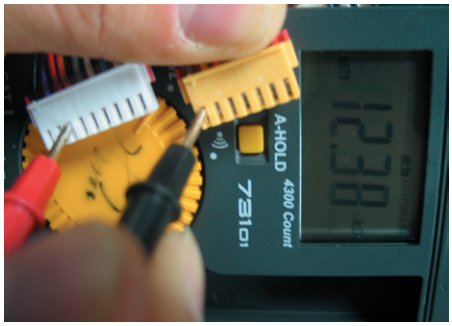
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
F	Connector CN30#3(Red) to CN1#3(Black) PCB typical Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #52, CN30#3(Red) and CN1#3(Black) from PCB typical Ground part are similar.



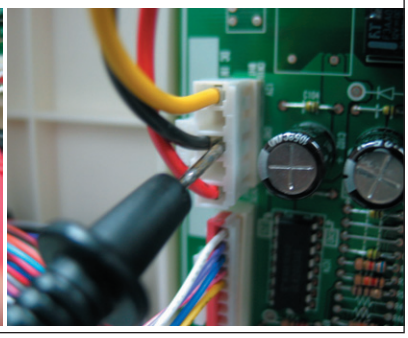
☞ Checking method of F Sensor resistance
CN30#3(Red) ↔CN75#1(Gray)
- Compare the temperature table after the measure



☞Checking method of F Sensor voltage
- Measure the voltage of Sensor Check Point #1(IC01 MICOM #52) on PCB or CN30#3(Red) ↔CN1#3(Black)
- Compare the temperature table after the measure

Measuring voltage of CN30#3(Red) ↔CN1#3(Black) are below.

typical PCB Ground
CN1#3(Black)



6) If F DEF Sensor has trouble

ERROR Code

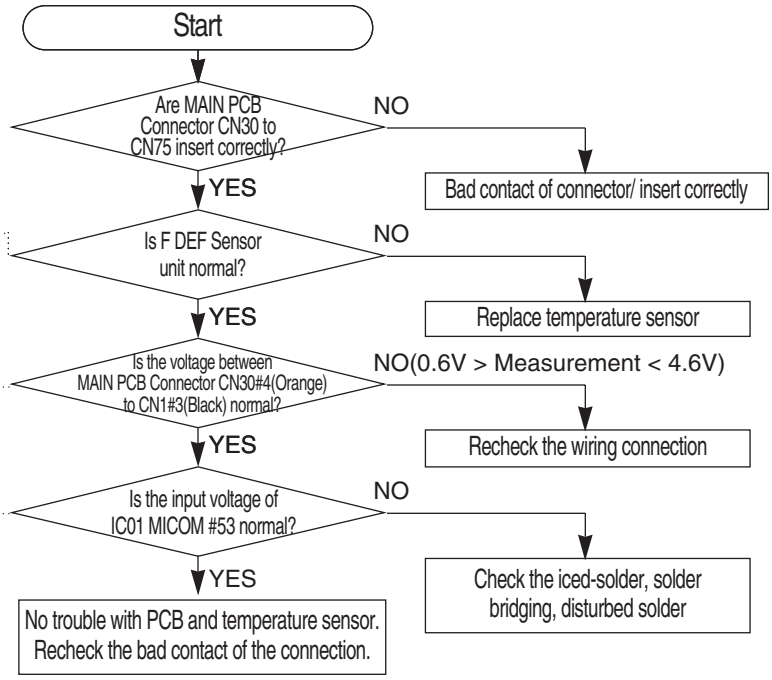
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
F-DEF : CN30#4 ↔ CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

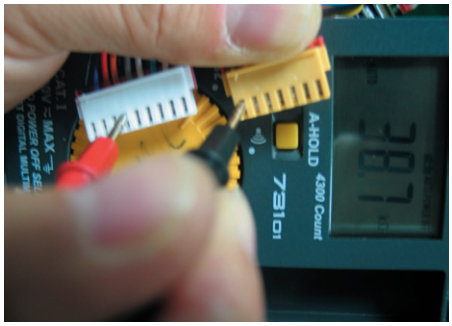
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
F DEF	Connector CN30#4(Orange) to CN1#3(Black) PCB typical Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #53, CN30#4(Orange) and CN1#3(Black) from PCB typical Ground part are similar.

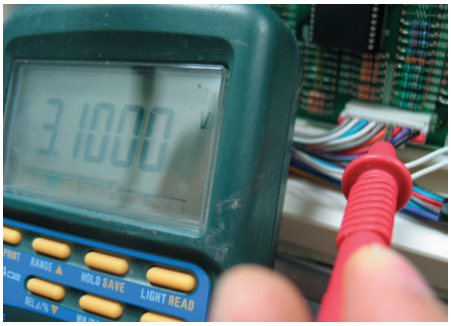


☞ Checking method of F DEF Sensor resistance
CN30#4(Orange) ↔ CN75#1(Gray)
- Compare the temperature table after the measure.

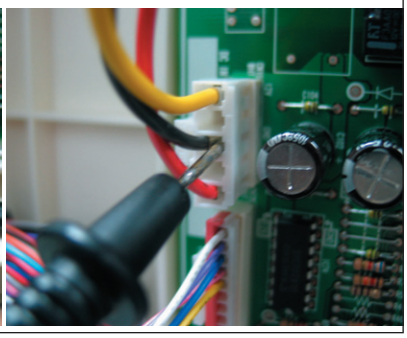


☞ Checking method of F DEF Sensor voltage
- Measure the voltage of Sensor Check Point #1(IC01 MICOM #52) on PCB or CN30#4(Orange) ↔CN1#3(Black)
- Compare the temperature table after the measure

Measuring voltage of CN30#4(Orange) ↔CN1#3(Black) are below



typical PCB Ground
CN1#3(Black)



7) If Ice Room Sensor has trouble

ERROR Code

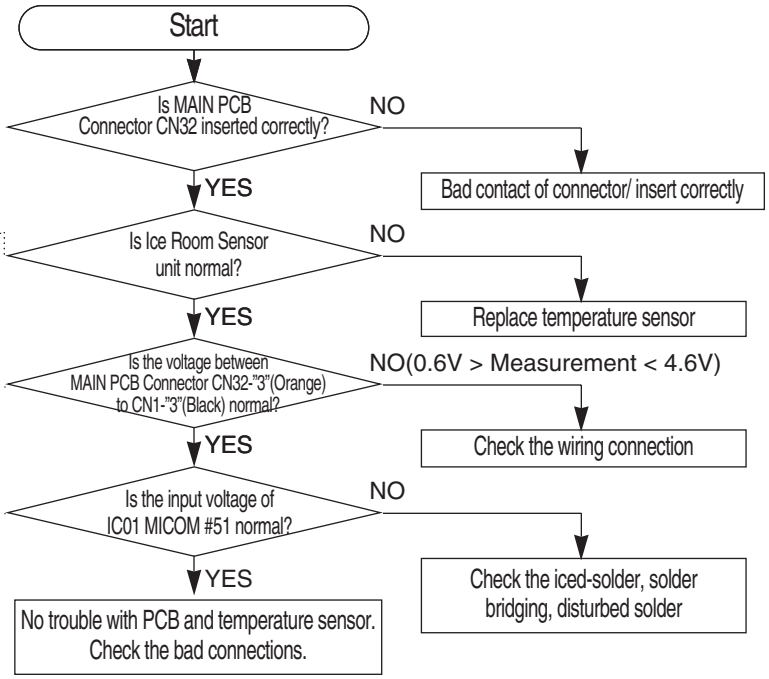
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
Ambient : CN32#3 ↔ CN75#1 Measure the resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

Refer to the circuit diagram in this manual

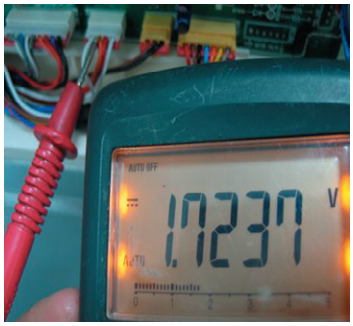
Sensor MICOM/Connector number	
Ice Room	Connector CN32-"3"(Orange) and CN1-"3"(Black) from typical PCB Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #51, CN32-"3"(Orange) and CN1-"3"(Black) from typical PCB Ground are similar.

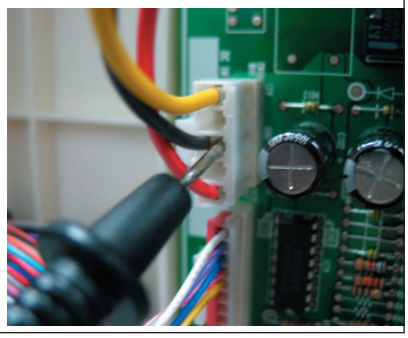


☞ Checking Mehod of Ice Room Sensor voltage
CN32-"3"(Orange) ↔ CN75-"1" (Gray)
- Compare with the temperature table after measurement.

☞Checking Method of Ice Room Sensor Voltage
- Measure the voltage of sensor checking point #8(IC01 MICOM #51) on PCB or CN32-"3" (Orange) ↔CN1-"3"(Black)
- Compare with the temperature table after measurement.
Measured voltage of CN32-"3" (Orange) ↔CN1-"3" (Black) are below



Typical PCB Ground CN1-"3" (Black)



8) If Pantry Sensor has trouble

ERROR Code

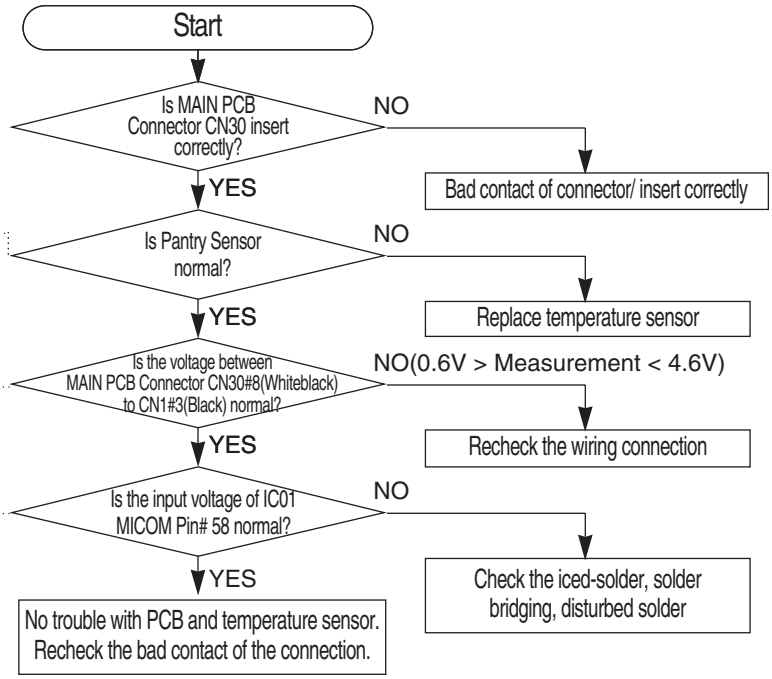
DATA1.
Temperature table

** Measuring point of resistance value according to Sensor **
Pantry : CN30#8 ↔#9 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω : Open trouble

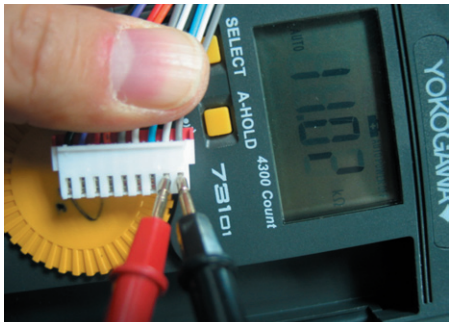
Refer to circuit diagram in the manual

Sensor MICOM/Connector number	
Pantry	Connector CN30#8(White-black) to CN1#3(Black) PCB typical Ground
Voltage measured between 4.6V ~ 0.6V.	

Measuring voltage of IC01 MICOM #58, CN30#8(White-black) and CN1#3(Black) from PCB typical Ground part are similar.

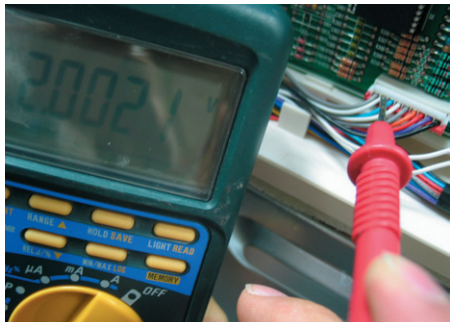


☞ Checking method of Pantry Sensor resistance
CN30#8(White-black) ↔ #9(Gray)
- Compare the temperature table after the measure

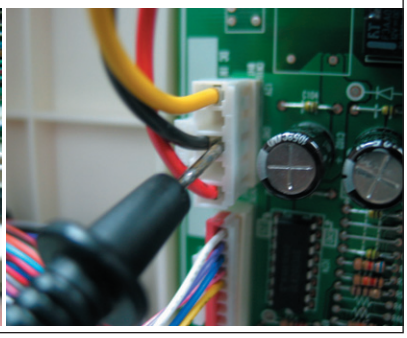


☞ Checking method of Pantry Sensor voltage
- Measuring voltage of Sensor Check Point #5(IC01 MICOM #58) on PCB or CN30#8(White-black) ↔CN1#3(Black)
- Compare the temperature table after the measure

Measuring voltage of CN30#8(white-black)↔CN1#3(Black) are below

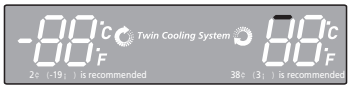


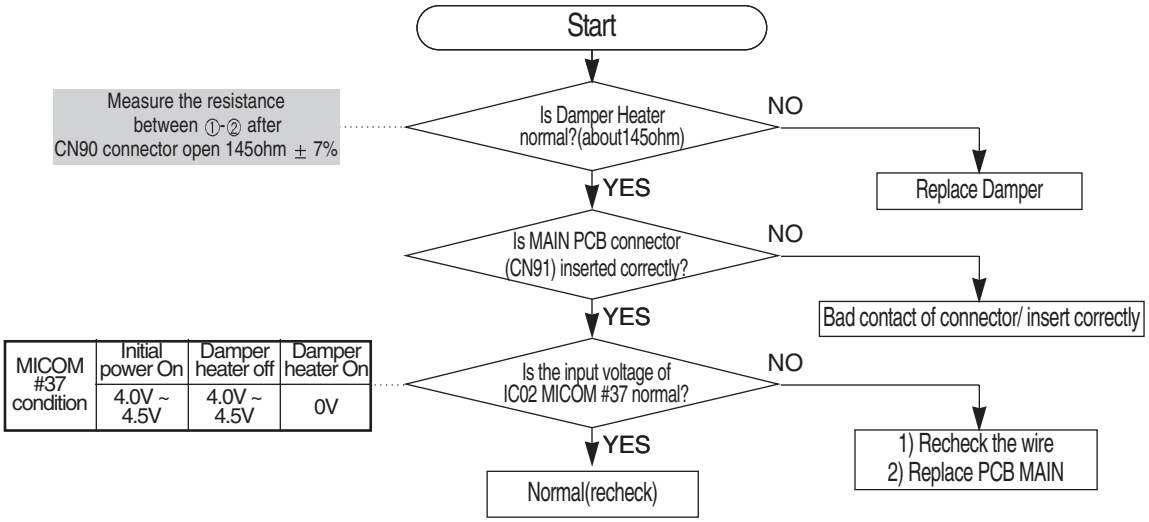
typical PCB Ground
CN1#3(Black)



9) If Pantry Room Damper Heater has trouble

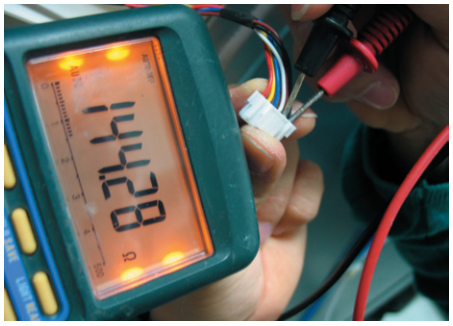
ERROR Code





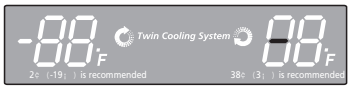
MICOM #37 condition	Initial power On	Damper heater off	Damper heater On
	4.0V ~ 4.5V	4.0V ~ 4.5V	0V

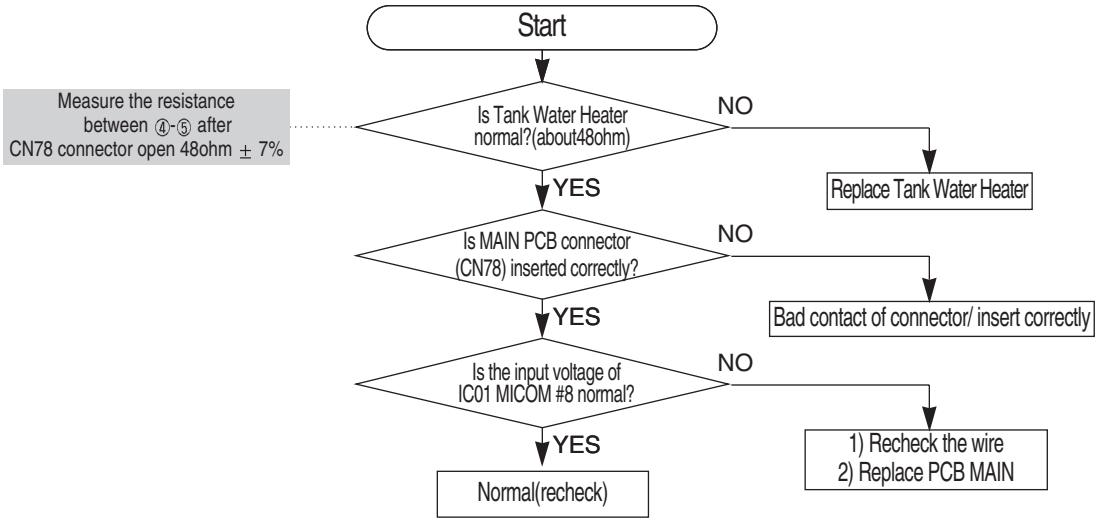
☞ Checking method of Pantry Room Damper resistance CN91#1(Black) ↔ #2(Brown)
** ∞ Ω : Open(wire disconnection, heater disconnection) trouble 0 Ω: Short trouble



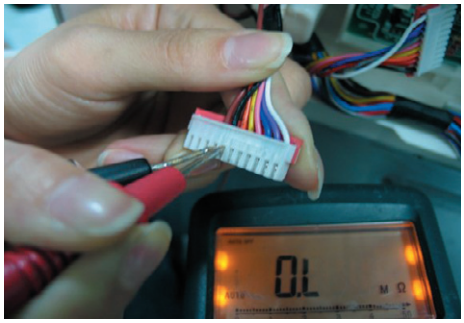
10) If Tank Water Heater has trouble

ERROR Code



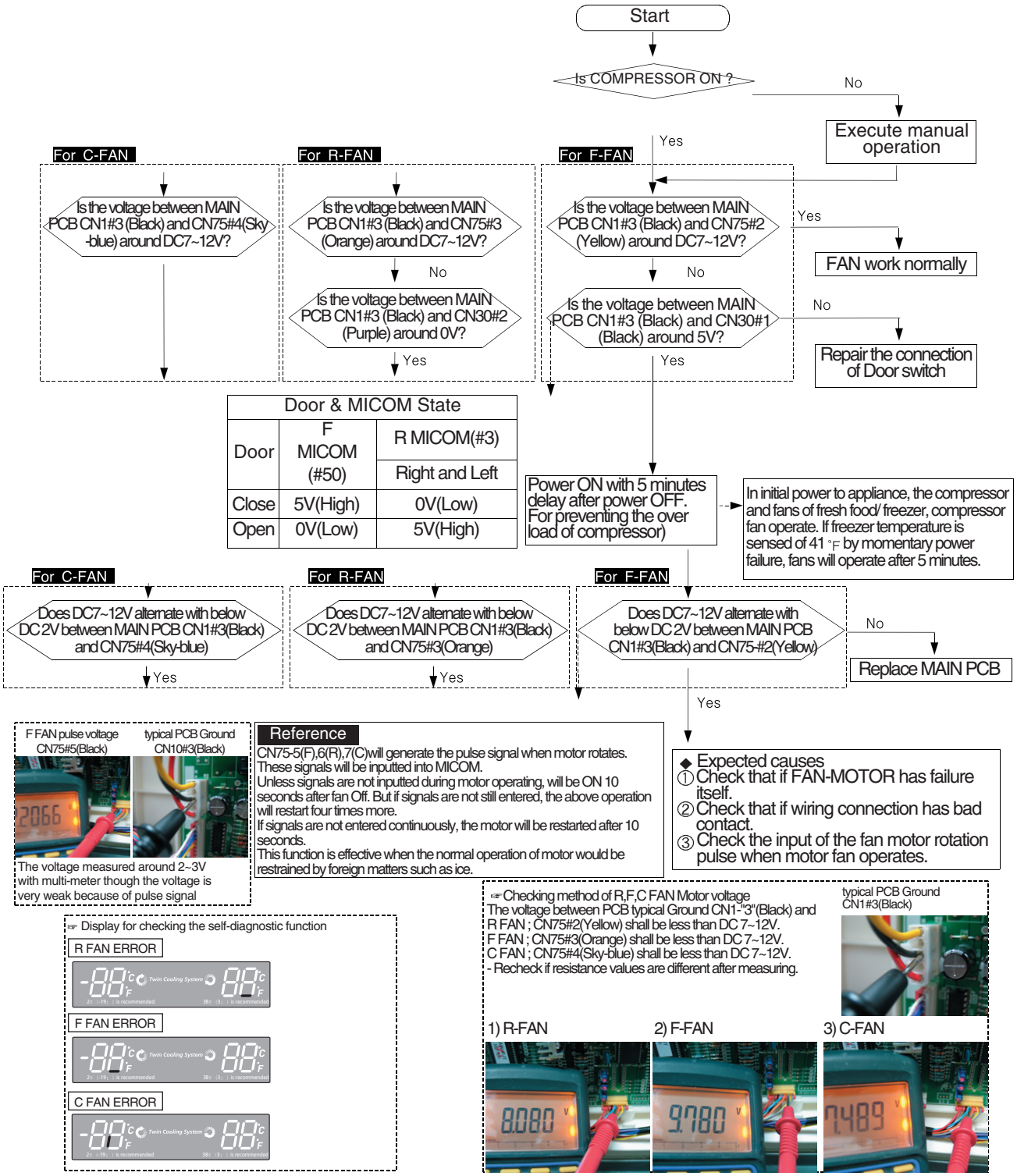


☞ Checking method of Tank Water Heater resistance CN78#5(Black) ↔ #4(Brown)
** ∞ Ω : Open(wire disconnection, heater disconnection) trouble 0 Ω: Short trouble



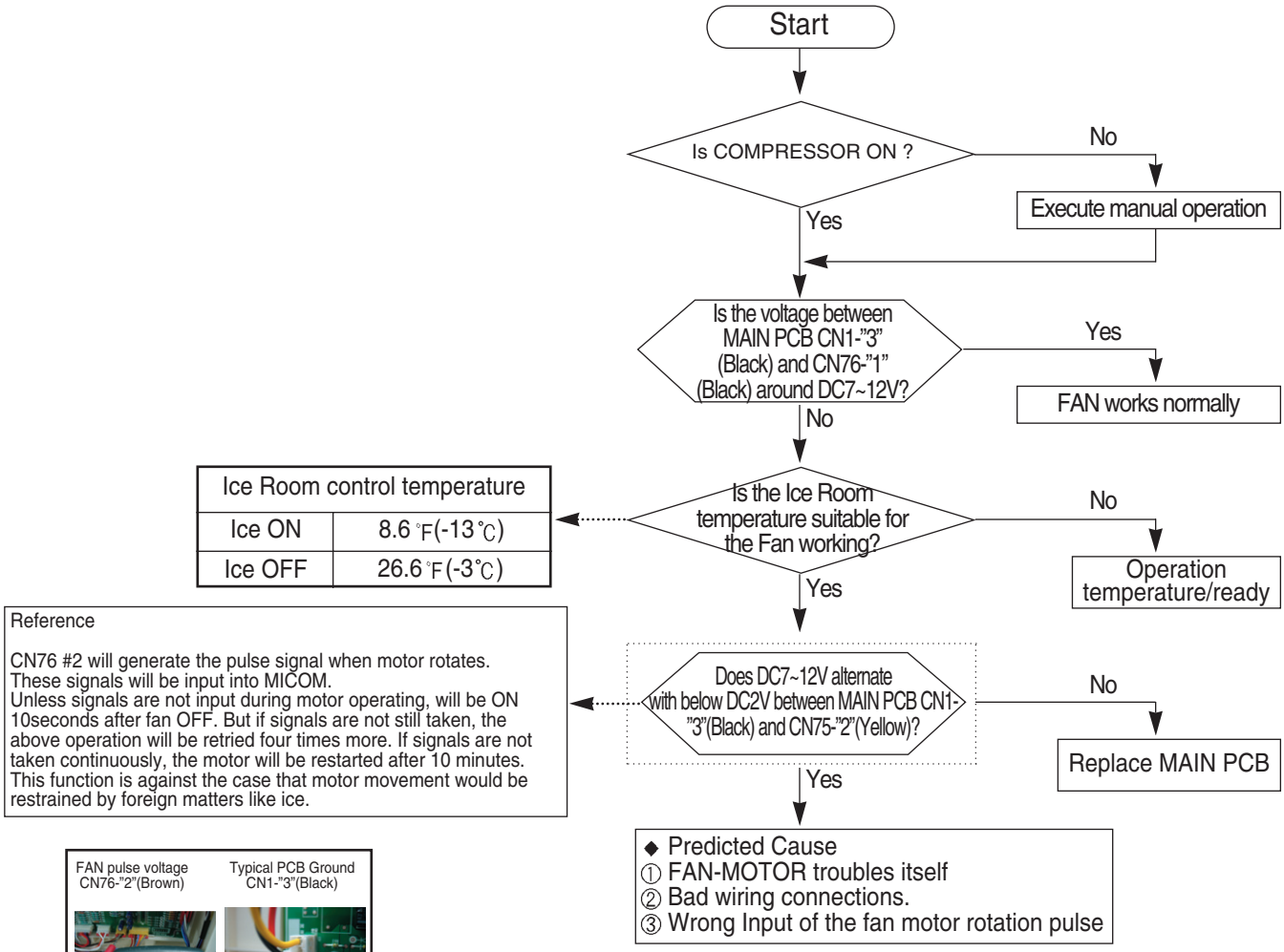
4-2-2. If FAN does not operate

- The refrigerator of this model has BLDC FAN motor. BLDC motor is driven by DC 7~12V.
- On the normal condition of COMP ON, it operates together with F-FAN motor.
  If door is opened and closed once at a high ambient temperature, it will be operated after 1 minute delay.
  Therefore, you are advised not to taken it for an error.
-. If there is a trouble, you should select the self-diagnostic function to check the trouble before power off.



4-2-3. If ICE Room Fan does not operate

- This refrigerator has BLDC FAN motor. BLDC motor is driven by DC7~12V.
- When COMP ON, normally operates with F-FAN motor.
- If there is any trouble, you should select the self-diagnostic function to check the trouble before power off.



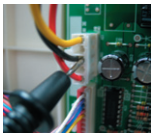
Ice Room control temperature	
Ice ON	8.6 °F(-13℃)
Ice OFF	26.6 °F(-3℃)

Reference

CN76 #2 will generate the pulse signal when motor rotates.
These signals will be input into MICOM.
Unless signals are not input during motor operating, will be ON 10seconds after fan OFF. But if signals are not still taken, the above operation will be retried four times more. If signals are not taken continuously, the motor will be restarted after 10 minutes.
This function is against the case that motor movement would be restrained by foreign matters like ice.

FAN pulse voltage CN76-"2"(Brown)

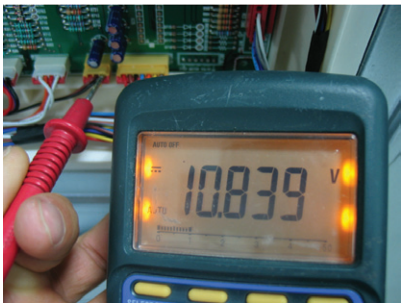
Typical PCB Ground CN1-"3"(Black)



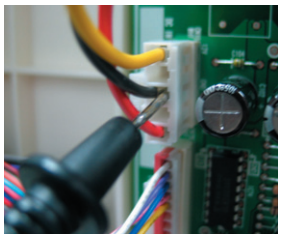
The voltage is variable due to pulse signal but measured about 2~3V with the Multi-Meter.

☞ Checking method of Ice Room FAN Motor Voltage with the voltage between typical PCB Ground CN1-"3"(Black) and Ice Room FAN ; CN76-"1"(Black) shall be less than DC 6~12V.
- Additional check if resistance values are different after measurement.

1) Ice Room - FAN



Typical PCB Ground CN1-"3"(Black)



☞ Display for checking the self-diagnostic function

Ice Room FAN ERROR

4-2-4. If Ice Maker does not operate

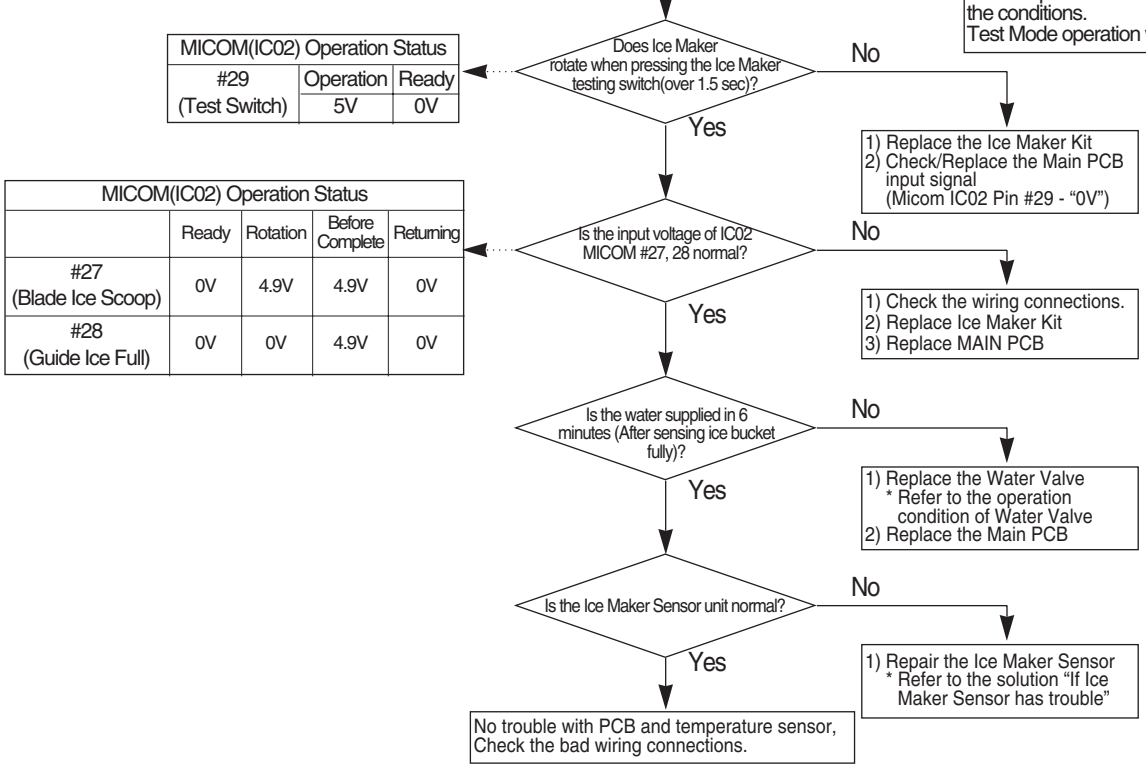
1. Water is automatically supplied to the Ice Maker by temperature & time and Ice Maker Dispenses cubed or crushed ice.
2. Power is applied to the one end of wires. Be careful when disassembling and shall refer to its exploded diagram in any case.
3. Ice Maker operation shall be checked after pressing the Ice Maker testing switch. (Freezer Ice Maker) It is not possible to check when the power is disengaged.
4. We recommend that TWO PEOPLE check the PCB and Ice Maker because hey are located at front and rear side each.
5. Be careful! The Ice Maker Heater can cause personal injury like burn.

Displays ERROR Code

Operating Condition when motor rotates
Operating Status of Micom(IC02)

	Ready	Operation
Motor Load (#10)	0V	5V
Heater Load (#9)	0V	5V

Heater operates differently according to the conditions.
Test Mode operation will be 30 sec.



MICOM(IC02) Operation Status

#29 (Test Switch)	Operation	Ready
	5V	0V

MICOM(IC02) Operation Status

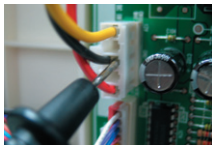
	Ready	Rotation	Before Complete	Returning
#27 (Blade Ice Scoop)	0V	4.9V	4.9V	0V
#28 (Guide Ice Full)	0V	0V	4.9V	0V

☞ Checking Method of ICE Maker Voltage
With typical PCB Ground CN1-"3"(Black) and
1) Test Switch operation (press selected) : CN90-"5" (Gray) shall be DC 0V.
Test Switch ready ; CN90-"5" (Gray) shall be less than DC 5V.

1)Test Switch operating

1)Test Switch ready

typical PCB Ground CN1-"3"(Black)

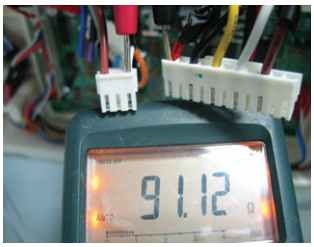


☞ Checking Method of ICE Maker Voltage
With typical PCB Ground CN1-"3"(Black) and
2) IC02 MICOM #27 voltage ; Ready(0V) → Rotate (4.9V) →Before complete(4.9V) → Return(0V)
* MICOM #27 voltage is same as Connector CN90-"7"(Purple)
3) IC02 MICOM #28 voltage ; Ready(0V) → Rotate (0V) →Before complete(4.9V) → Return(0V)
* MICOM #28 voltage is same as Connector CN90-"6"(Blue)

☞ Check the ICE Maker Heater & Motor Resistance
Resistance value can be changed according to the Voltage and Perfermance changes.

1) Measuring the Ice Maker Heater resistance values

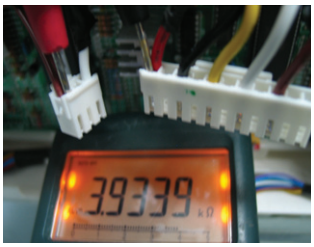
CN70-"1" (Red) & CN72-"3" (White)



Resistance value : 91(364)Ohm ± 7%

2) Measuring the Ice Maker Motor resistance values

CN70-"1" (Red) & CN72-"1" (Brown)



Resistance value : 3.93(11.76)KOhm ± 7%

4-2-5. If defrost does not operate (F,R DEF Heater)

- If defrost has trouble, select the self-diagnostic function to detect the error of defrost heater before Power Off. (Check the function with refer to the self-diagnostic function)

R DEF ERROR

F DEF ERROR

Measuring point of resistance value according to heater
F-DEF : CN70#9(Brown) ↔ CN71#9(Orange) measuring resistance value(55(216) ohm ±7%)
R-DEF(Ice Pipe parallel) : CN70#7(White)↔N71#9(Orange) measuring resistance value(105(441) ohm ±7%)
** 0 Ω : Short trouble / ∞ Ω: Open(bimetal, heater) trouble

**Measuring point of resistance value according to sensor **
F-DEF : CN30#4 ↔CN75#1 measuring resistance value
R-DEF : CN30#7 ↔CN75#1 measuring resistance value
** 0 Ω : Short trouble / ∞ Ω: Open trouble

Resistance value of sensor according to temperature		
86 ℉(30 ℃)	4.22 KΩ	If you need the temperature with detail, refer to DATA1. temperature table
68 ℉(20 ℃)	6.05 KΩ	
50 ℉(10 ℃)	8.87 KΩ	
32 ℉(0 ℃)	13.29 KΩ	
14 ℉(-10 ℃)	20.42 KΩ	
-4 ℉(-20 ℃)	32.23 KΩ	
-22 ℉(-30 ℃)	52.41 KΩ	

**Measuring point of resistance value according to sensor **
F-DEF : CN30#4 ↔CN75#1 measuring resistance value
R-DEF : CN30#7 ↔CN75#1 measuring resistance value
** 0V: Short trouble / 5V: Open trouble

Start

Are the all deforst heater normal?
- No → Check the bimetal, heater disconnection, wiring connection etc.
- Yes ↓

Is defrost sensor by self-diagnostic normal?
- No → Refer to self-diagnostic function in the manual → Replace the applicable sensor
- Yes ↓

Is the temperature of defrost sensor lower than 53.6 ℉ (12°C)?
- No → manual operation for a certain time
- Yes ↓

Manual defrosting of fresh food and freezer compartments operate simultaneously.

If Energy Saver + Fridge Key are pressed simultaneously for 8 seconds and then select any key, 3rd test mode(manual defrosting) will be operated.

Is power applied to each defrost heaters?
- No → Is connection terminal of MAIN PCB part normal?
- Yes ↓

Does the system return to cooling operation after heating for specified time?
- No → Recheck the applicable sensor.
- Yes → Normal

Reference If defrost sensor temperatures of fresh food and freezer compartments are higher than 50 ℉(10℃), 53.6 ℉(12℃) by the heating from heater, heating would be finished and will return to cooling operation after a pause.

Is connection terminal of MAIN PCB part normal?
- No → Repair connection terminal
- Yes ↓

Check bimetal, heater itself, disconnection etc.

Replace failure Relay or replace PCB ASS'Y

☞ Checking method of F,R DEF Heater resistance value
F FEF ; CN70#9(Brown) ↔CN71#9(Orange)
R FEF ; CN70#7(White) ↔ CN71#9(Orange)
- Recheck if resistance values are different after the test

1) F DEF Heater

2) R DEF Heater

4-2-6. If Power is not supplied

Caution
At the power of main PCB, the AC115(220)V power and a high-voltage over DC 170(325)V are occurred.Please take care of yourself on repair and measurement.

- Refer to function and reference parts in the manual when check the MAIN PCB

Start

Is plug connected in?
- No → Connect plug again, check the plug loosening
- Yes ↓

Is power 115(220)V both terminals of SMPS PCB CN1?
- No → Check the assembly and wire connection
- Yes ↓

Check in SMPS PBA

Is fuse on the SMPS PCB down?
- Yes → 1) Replace FUSE AC 250V 2.0A 2) Replace SMPS assembly
- No ↓

Is DC170(325)V applied both terminals of BD1+,-
- No → 1) Check PCB PATTERN and replace BD1 2) Replace PCB ASS'Y
- Yes ↓

Is DC5.8V applied between TOP switch 246Y C to S?
- No → Replace PCB ASS'Y
- Yes ↓

Is 12V applied both terminals of C16?
- No → 1) Replace U4 (D10LC20U) 2) Replace PCB ASS'Y
- Yes ↓

Is 5V applied both terminals of C19?
- No → 1) Replace REG1 (KA7805) 2) Replace PCB ASS'Y
- Yes ↓

Does Panel PCB operate normally?
- No → 1) Check assembly wire and repair 2) Replace Panel PCB
- Yes ↓

Is normal load such as Relay?
- No → 1) Check the contact of lead wire 2) Replace the applicable relay / PCB MAIN
- Yes ↓

Is there any PCB soldering, short, breakage?
- Yes → 1) Solder again 2) Replace PCB MAIN
- No → Normal(Recheck)

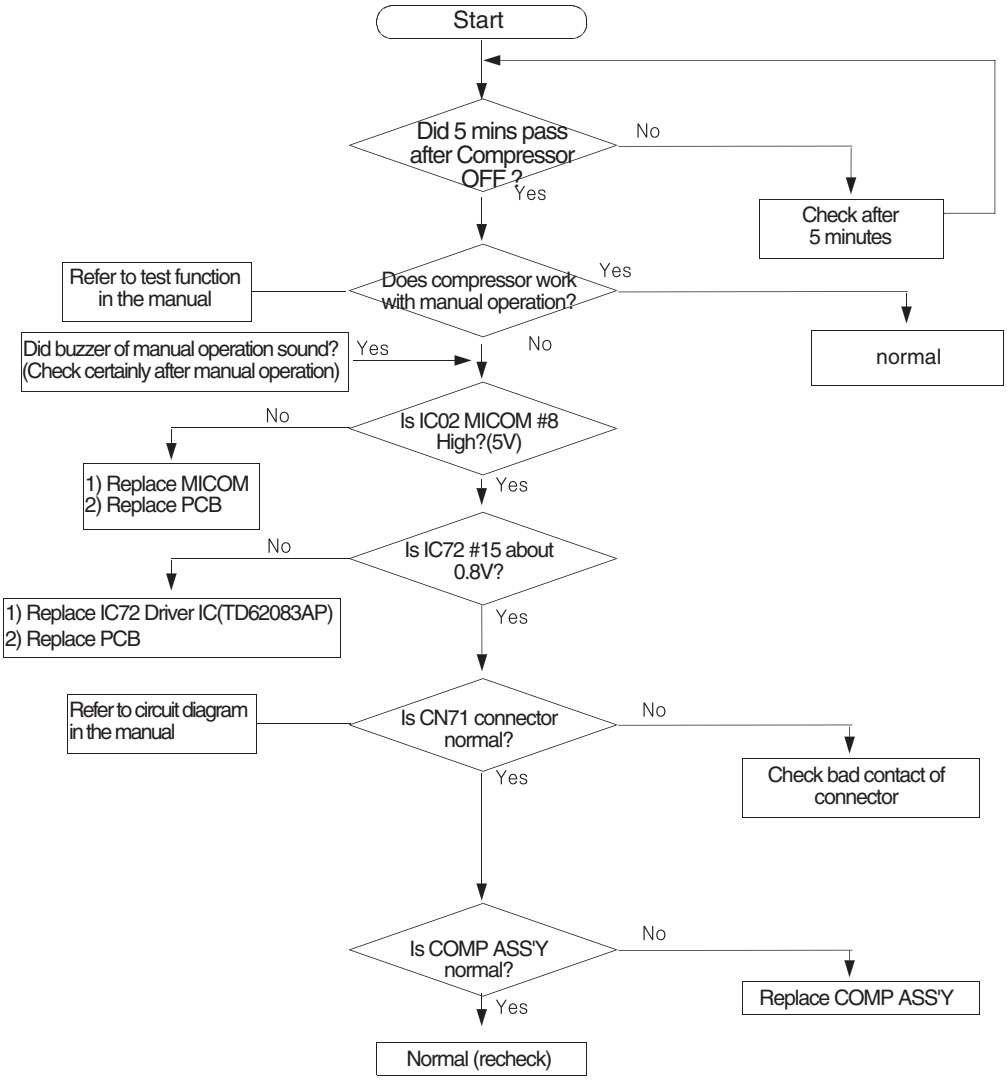
- Check MAIN PCB connection
- Check the connections between cabinet to door
- Check the connections between door to panel PCB

☞ Checking method of SMPS voltage CN1 input ; CN1#1(Red) ↔#3(Black) AC voltage

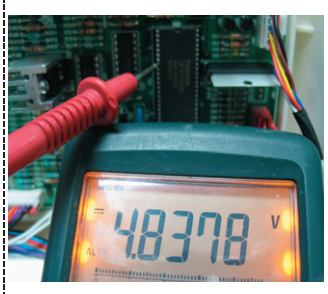
☞ Checking method of SMPS 2nd output voltage CN2 input ; CN2#1(Red) ↔ #3(Black) →same as C19 terminals.. DC 5V ± 0.3V

☞ Checking method of SMPS 2nd output voltage CN2 input ; CN2#5(Yellow) ↔ #3(Black) →same as C16 terminals. DC 12V ± 0.6V

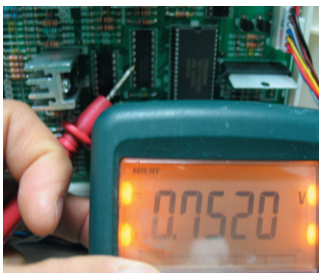
4-2-7. If compressor does not operate



☞ Checking method of voltage PCB typical Ground CN1#3(Black) and
1) IC02 MICOM #8 ; voltage High(5V ±0.5V)
IC02 MICOM #8, COMP operating



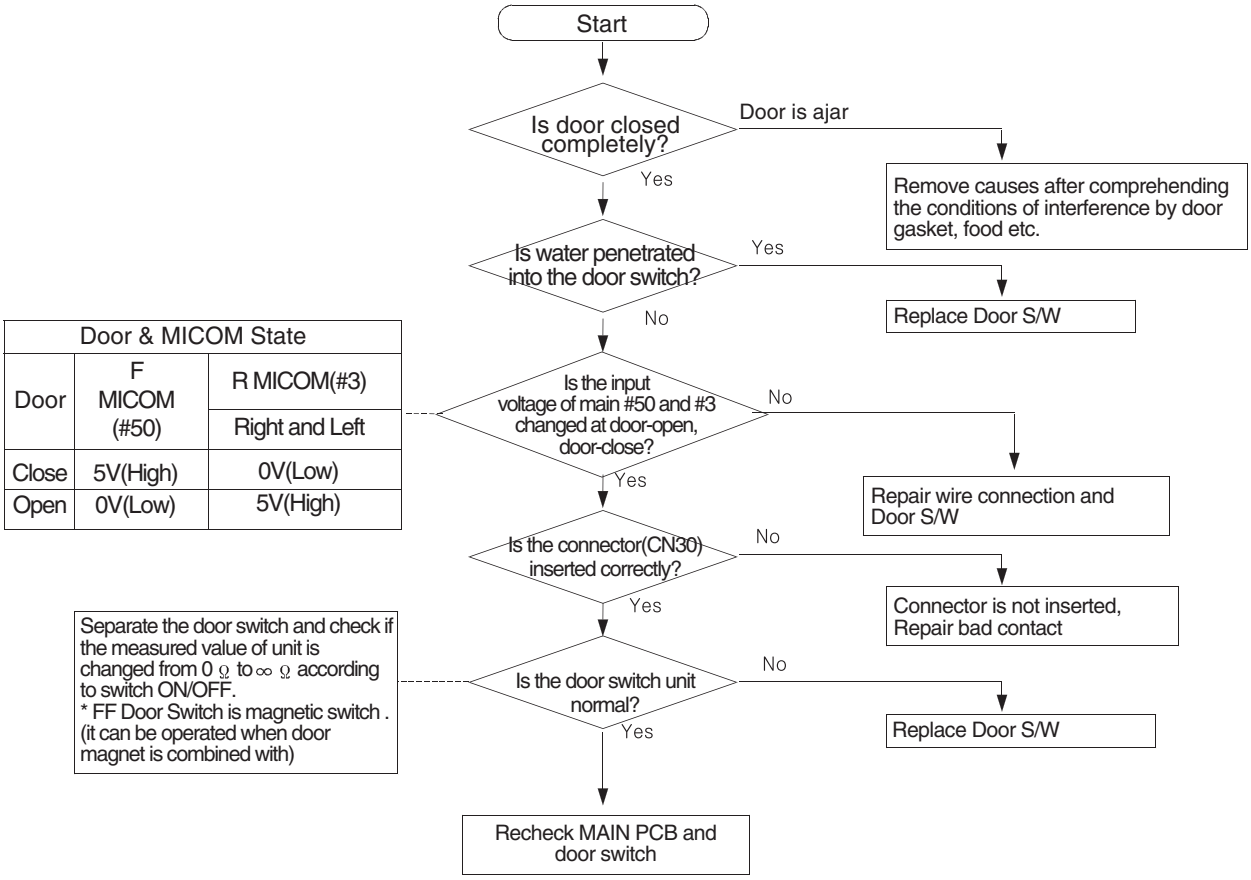
☞ Checking method of voltage PCB typical Ground CN1#3(Black) and
1) IC72 #15 : Voltage Low(0V)



typical PCB Ground CN1#3(Black)

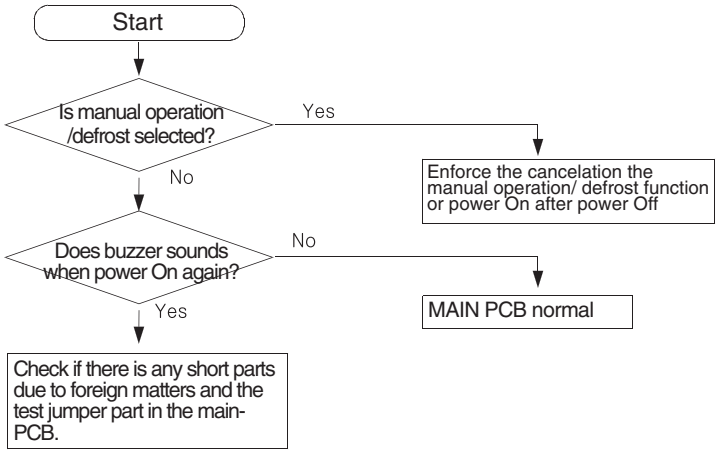
4-2-8. When alarm sound continuous without stop(related with buzzer sound)

① If 'ding-dong' sounds continuously



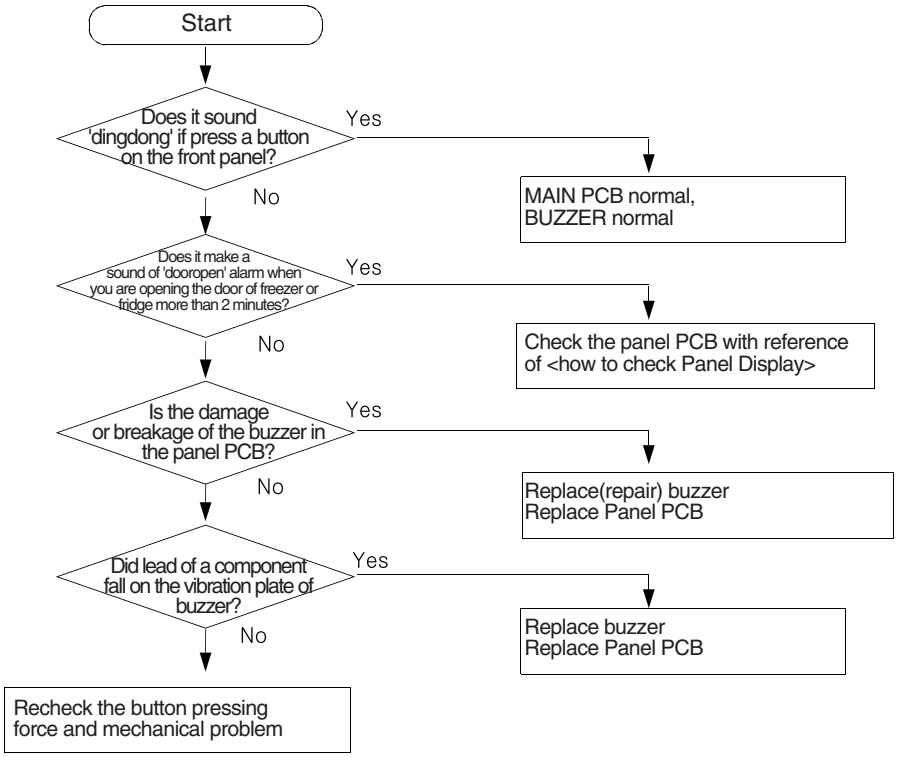
Door & MICOM State		
Door	F MICOM (#50)	R MICOM(#3)
		Right and Left
Close	5V(High)	0V(Low)
Open	0V(Low)	5V(High)

② If 'beep-beep' sounds continuously



③ If buzzer does not sound

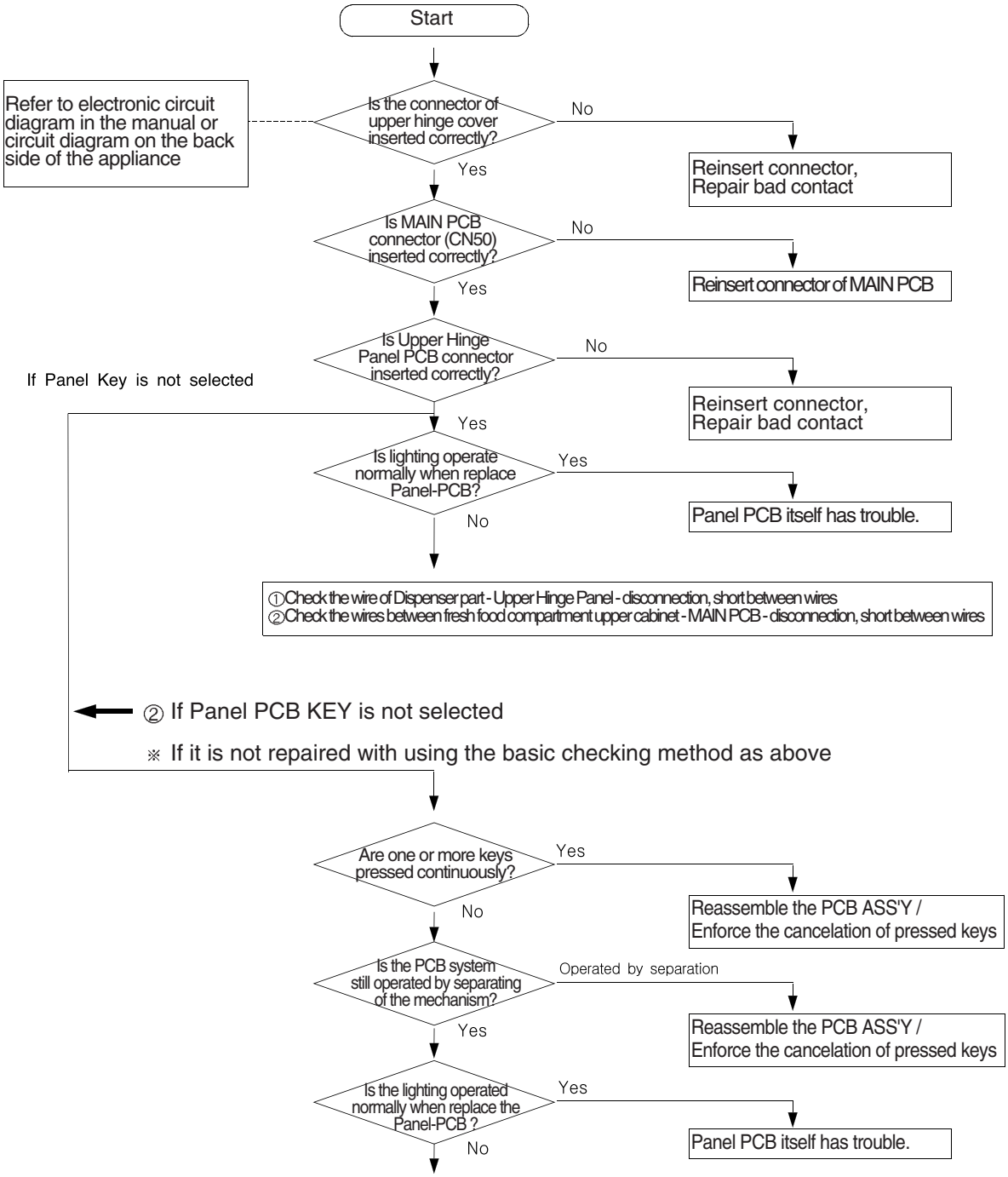
Buzzer is installed on the panel PCB in this model.
If buzzer does not sound when button is pressed, manual operation is started and door is opened, should separate panel PCB and check the breakage of buzzer and bad soldering.
It is very hard to repair the panel PCB because it consists of SMD assemblies.
It is recommended to replace assembly PCB when the failure associated with panel is occurred except the minor error such as switch pressing error, surface peeling off and so on.



4-2-9. If Panel PCB does not work normally

① When lighting of Panel PCB is disabled or only some LED Lamp are disabled

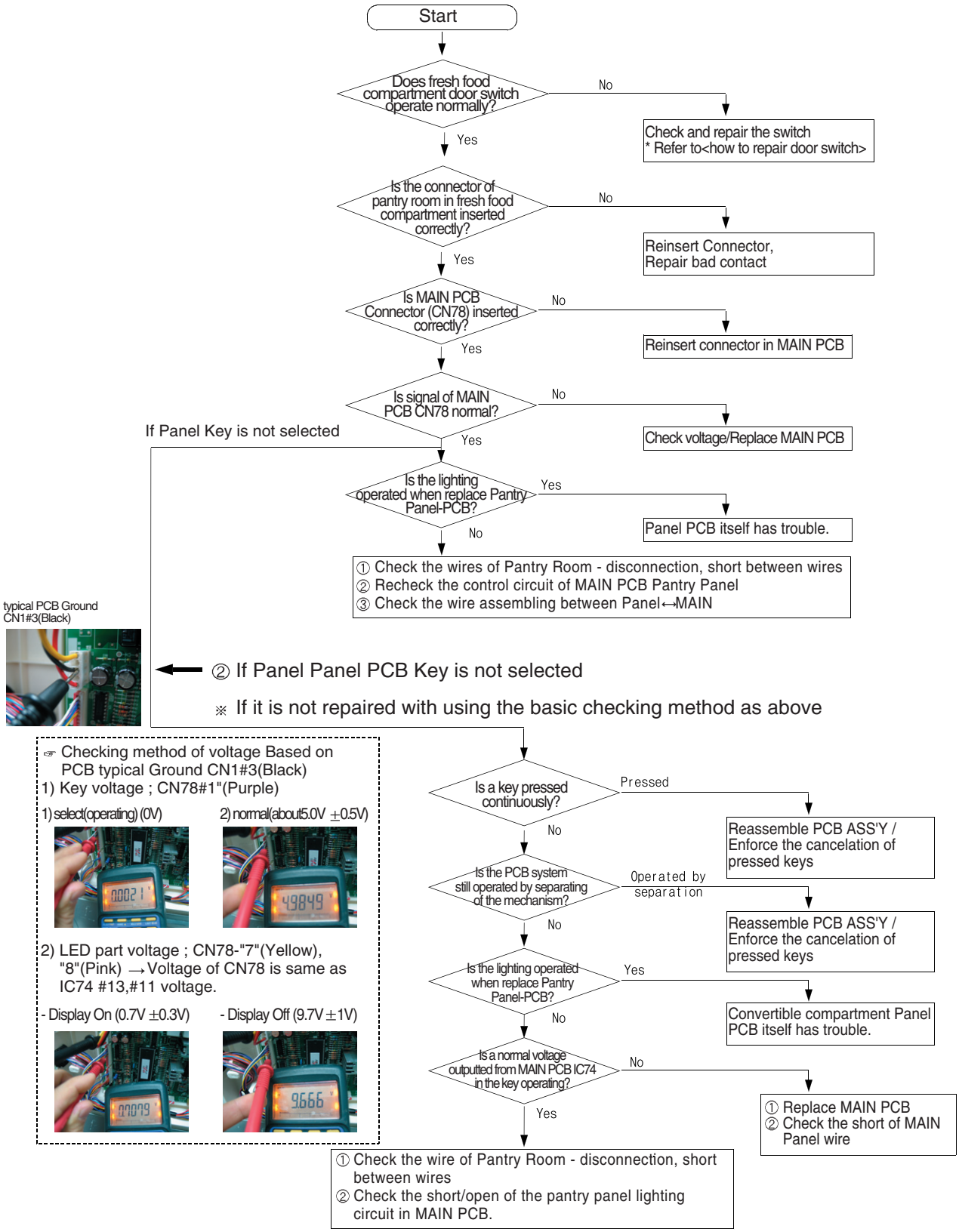
Be careful to repair because display of this model is installed in the MICOM of internal PCB.
It is recommend to replace PCB MAIN after checking except specified solder touch.



①Check the wires of Dispenser part - Upper Hinge Panel - disconnection, short between wires.
②Check the wires of fresh food compartment upper cabinet - disconnection, short between wires.
③Check the short/open of the panel communication and power supply circuit in MAIN PCB.

4-2-10. If Pantry Panel PCB is not working normally

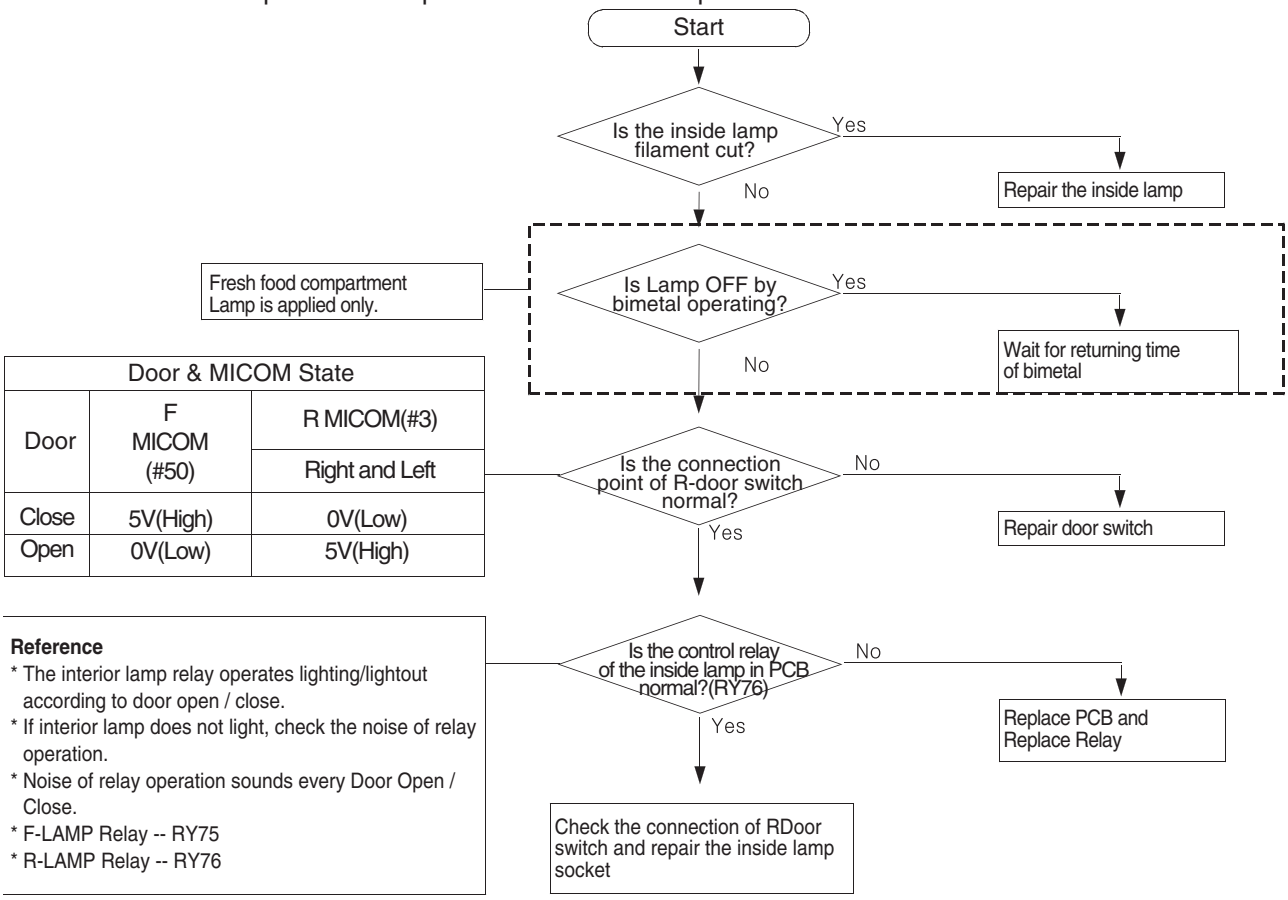
You should check the display after door opening because the display of this model operates only when the fresh food compartment door is opened.



4-2-11. When refrigerator ROOM Lamp does not light up

1. When you replace the lamp of freezer, please power OFF to avoid an electric shock.
2. Please keep in mind you could get burnt by the excessive heating of an incandescent light bulb.
3. Bimetal is installed in the refrigerator LAMP. Check that if LAMP may be OFF by bimetal.

※ The case of fresh food compartment(room) lamp will be explained only.
Because it is possible to repair the other room lamps with the same method.



Door & MICOM State		
Door	F MICOM (#50)	R MICOM(#3)
		Right and Left
Close	5V(High)	0V(Low)
Open	0V(Low)	5V(High)

Reference
* The interior lamp relay operates lighting/lightout according to door open / close.
* If interior lamp does not light, check the noise of relay operation.
* Noise of relay operation sounds every Door Open / Close.
* F-LAMP Relay -- RY75
* R-LAMP Relay -- RY76

Reference
If the door is opened, the contact of door switch will be opened and MICOM will get applied 5V to finally sense Open.
If 5V has been sensed over two minutes afterwards, Door-Open alarm will sound 'Ding-Dong' for 10 seconds in a oneminute cycle. For that reason, if the door switch has failure, the refrigerator can make a "Ding-Dong" sound per a oneminute cycle. Please note the step for its service.

☞ When measure lamp resistance to the Wire
→ Resistance can be changed by Lamp input voltage. (Actual measurement is below, it can be changed by performance)

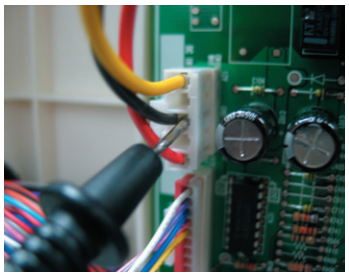
☞ Fresh food compartment lamp CN70#1(Red) ↔ CN71#1 (Blue) ; 10(33)Ohm ±3 Ohm Lamp ; 60W + 60W

☞ Freezer compartment lamp CN70#1(Red) ↔ CN71#3 (Gray) ; 15(66)Ohm ±5 Ohm Lamp ; 60W

☞ Checking method of Door Switch voltage
- Measuring voltage of Sensor Check Point #5(IC01 MICOM #58) on PCB or CN30#8(White-black) ↔ CN75#1(Gray)
- Compare time table after measuring

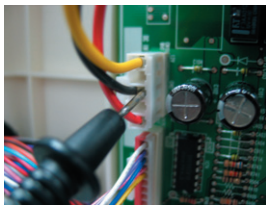
Measuring voltage of CN30#8(white-black)↔CN75#1(Gray) are below

typical PCB Ground CN10#3"(Black)



4-2-12. If ICE Water is not supplied

typical PCB Ground CN1#3(Black)

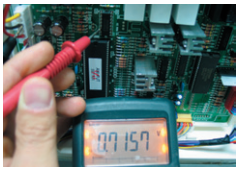


☞ Checking method of voltage Based on PCB typical Ground CN1#3(Black)

1) Check the voltage of IC73#4(same voltage as IC02 #12)
- ICE Water valve operating (about 5V ±0.5V)

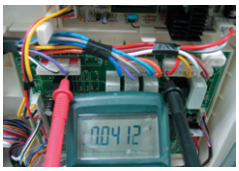
Based on PCB typical Ground CN1#3(Black)

2) IC73 #13 voltage
- ICE Water valve operating (about 0.7V ±0.5V)

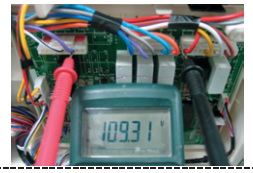


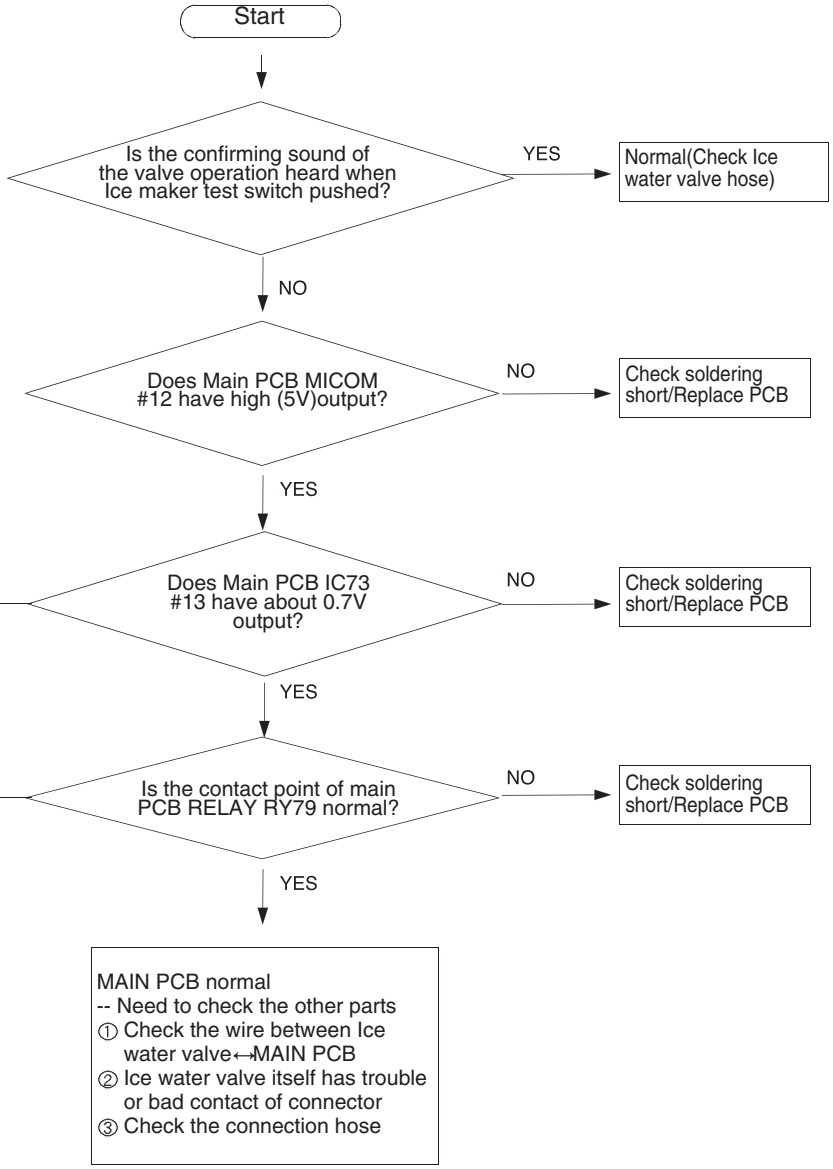
3) Check the voltage of ICE Water Valve operating(AC voltage)

=> For checking the Relay RY79 operating.
CN70#1(Red) ↔CN73#7(Purple)
- ICE Water valve waiting (about AC 0V)



- ICE Water valve operating (about AC 110(220)V ±20%)

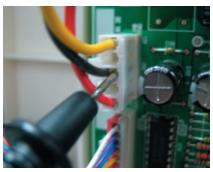




4-2-13. If Water is not supplied

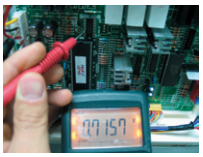
☞ Checking method of Valve resistance (Must power off for checking)
Resistance can be changed by input voltage.
CN70#1 (Red) ↔ CN73#5 (White-black)
- resistance value ; 388(1.6k)Ohm ± 7%)
** 0 Ω : Short trouble / ∞ Ω : Open trouble

typical PCB Ground CN1#3(Black)



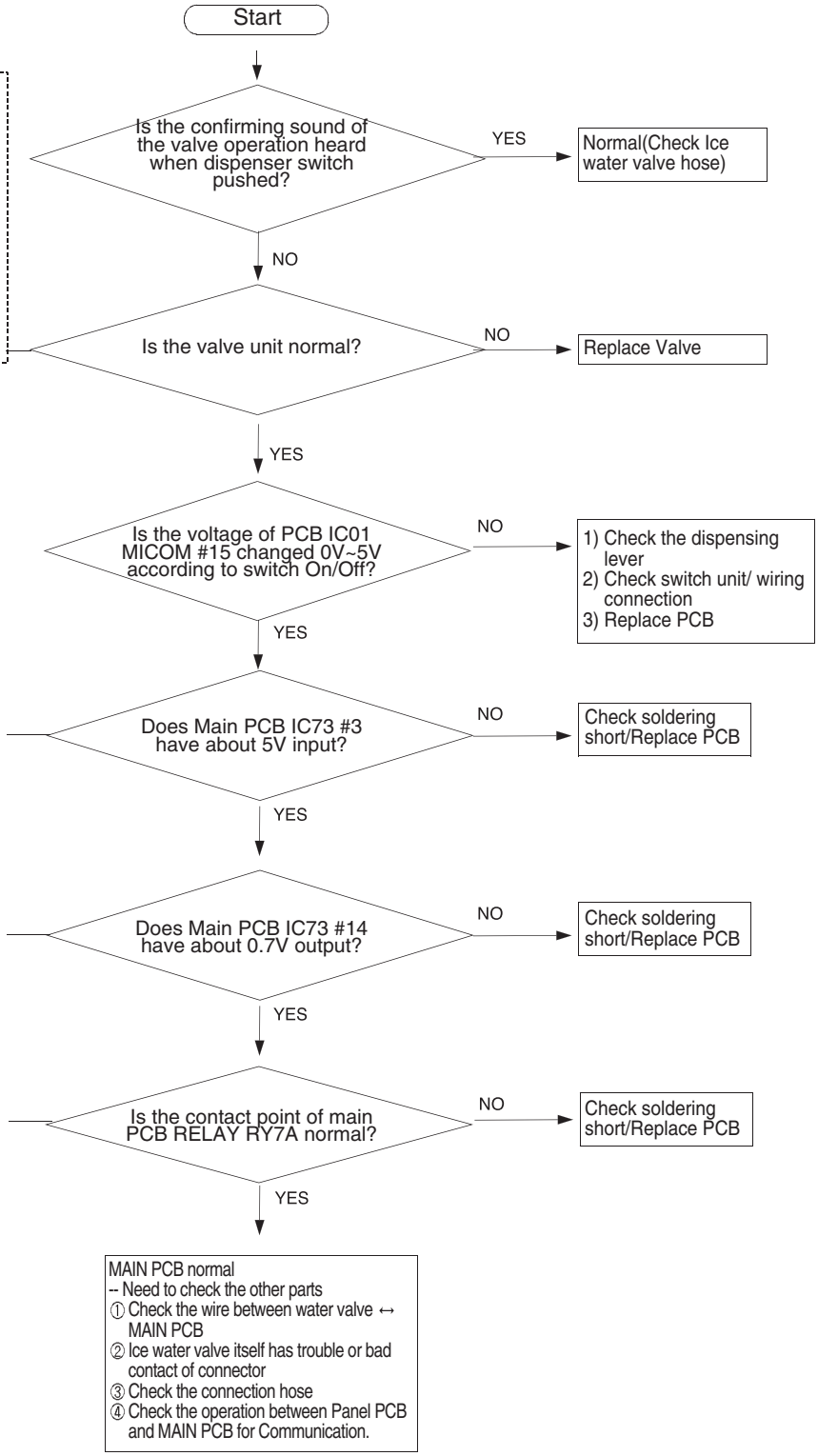
☞ Checking method of voltage
Based on PCB typical Ground CN1#3(Black)
1) Check voltage of IC73# (same voltage as IC01#64)
- Water valve operating (about 5V ±0.5V)

Based on PCB typical Ground CN1#3(Black)
2) IC73 #14 voltage
- Water valve operating (about 0.7V ±0.5V)

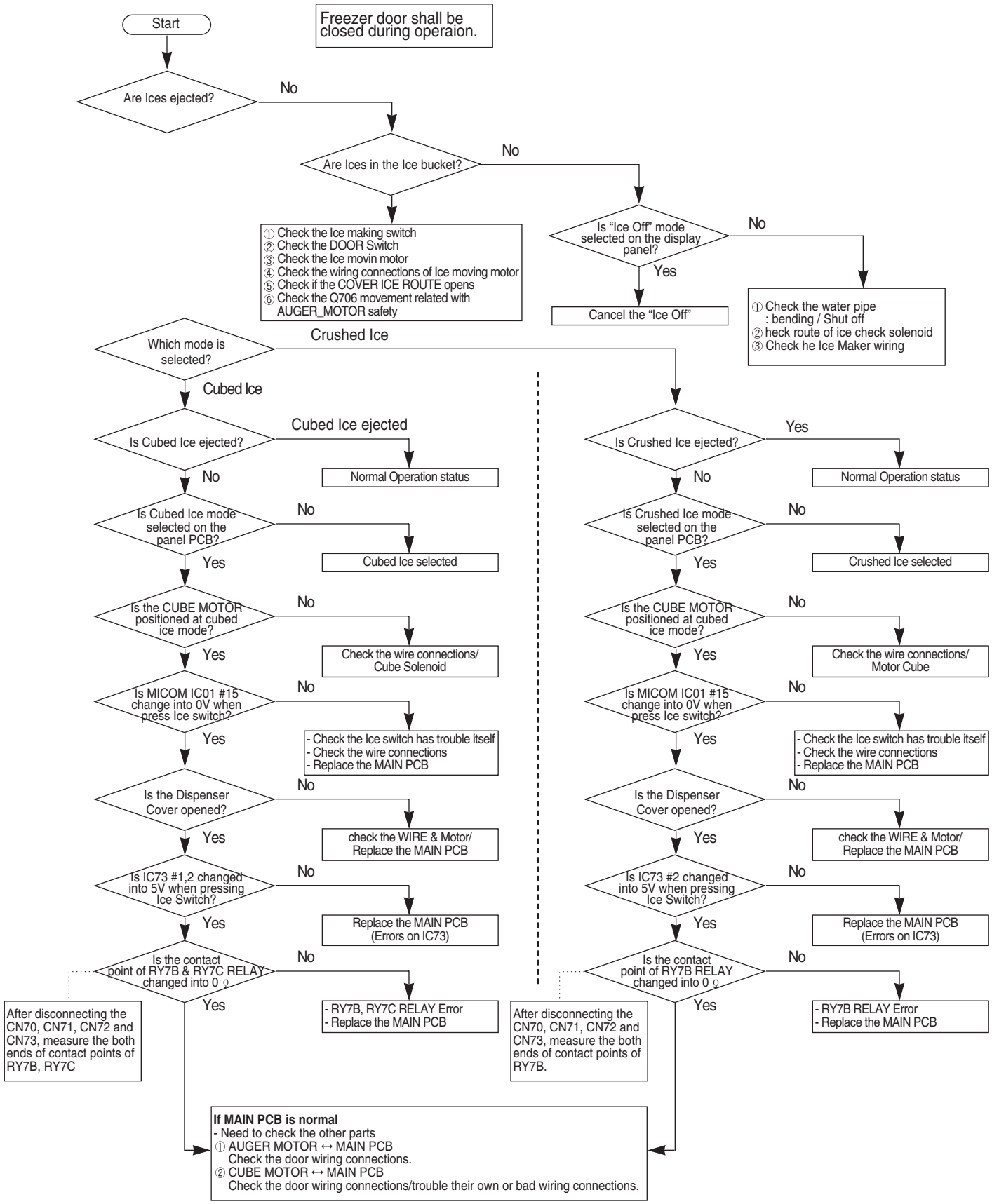


3) Check the voltage of Water Valve operating (AC voltage)
=> For checking the Relay RY7A operating.
CN70#1(Red) ↔ CN73#5(White-black)
- ICE Water valve waiting (about AC 0V)

- ICE Water valve operating (about AC 110(220)V ±20%)



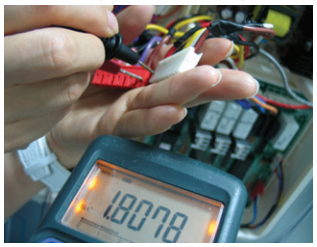
4-2-14. If Cubed or Crushed Ice is not supplied



4-2-15. If Cover Ice Route Moor(Geard Motor) is not working normally

Caution
1. When replacing the Cover Ice Motor, pull out the plug to avoid an electric shock.
2. Be careful! When disassemble the Cover Ice Motor, spring can jumped out and may cause personal injury.
3. Motor will rotate continuously when the Motor Switch is not sensed.

☞ Checking Mehod of Cover Ice Route Motor Resistance
(Make sure to work after Power Off)
The Resistance is variable according to the input voltage.



Start

Does GEARED MOTOR work properly?
- No → Replace the MOTOR
- Yes ↓

Is Cubed or Crushed Ice mode selected on the LED PANEL?
- No → Cubed or Crushed Ice is selected on the LED PANEL PCB
- Yes ↓

Is the DISPENSER switch selected?
- No → Select the DISPENSER switch
- Yes ↓

Does the wiring at the both side of motor connected properly?
- No → Check the WIRE
- Yes ↓

Is the AC input voltage applied to the both ends of the motor?
- Yes → Check the MOTOR/Check any interference on MOTOR rotation
- No ↓

When the MOTOR rotates.

① Check CN70 ①, CN73 ⑨, voltage is applied to the PCB CASE.
② Check the SSR73 SHORT/OPEN of Cover Ice Motor control circuit in the MAIN PCB.
③ Check any SHORT/OPEN of wiring connections between PCB CASE and MAIN PCB. (CN70 ①, CN73 ⑨)
NOTE. <Make sure that the plug is tuned off before you work, Check the Resistance value>

Is the sensing SWITCH connection normal?
- No → Check/Repair the Housing connector
- Yes ↓

Is the switch pressed area normal when motor rotates?
- No → Check/Repair the Motor Rotation pressing area
- Yes ↓

Are the voltage CN10-"3" and CN50-"9", "10" normal?
- Yes → Normal
- No ↓

Operating Condition of Dispenser Open/Close
CN50 - Switch 1,2 Operating

	Close	Open
Ice Route Switch 1 CN50 - "9" (Purple)	0V	0V
Ice Route Switch 2 CN50 - "10" (White)	0V	0V

① Main PCB - Check the wire OPEN/SHORT between the Cover Ice Motor Rotation sensin switches.
② Check the Short of Cover Ice Motor Control Circuit SSR73 in the MAIN PCB.
③ Replace the MAIN PCB or the Dispenser Cover Motor.

5 . EXPLODED VIEW & PARTS LIST

RF267AA

5-1) FREEZER 86

5-2) REFRIGERATOR 89

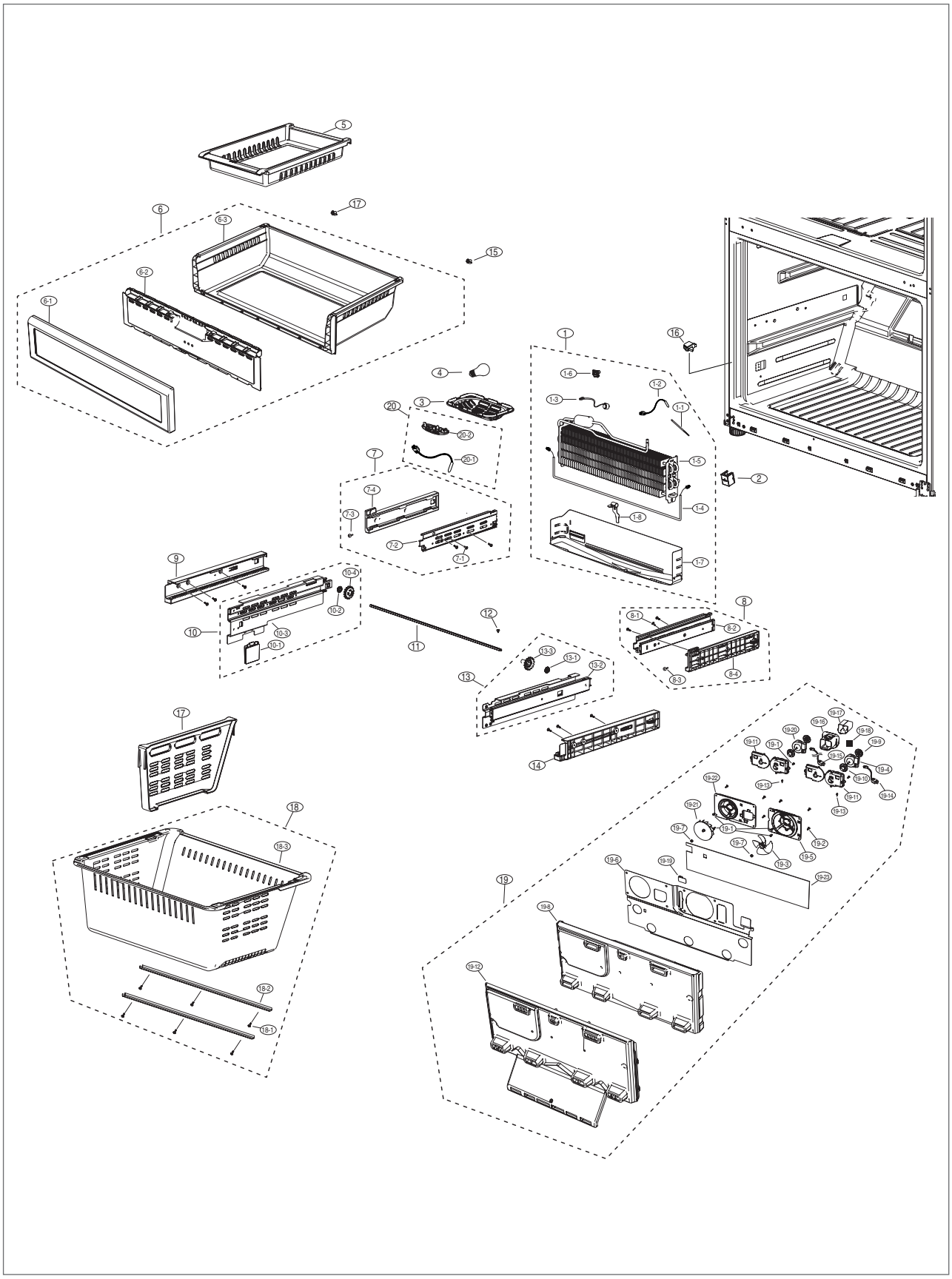
5-3) CABINET 93

5-4) DISASSEMBLY OF FREEZE DOOR 97

5-5) DISASSEMBLY OF REFRIGERATOR DOOR LEFT 99

5-6) DISASSEMBLY OF REFRIGERATOR DOOR RIGHT 102

5-1) Freezer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18-1

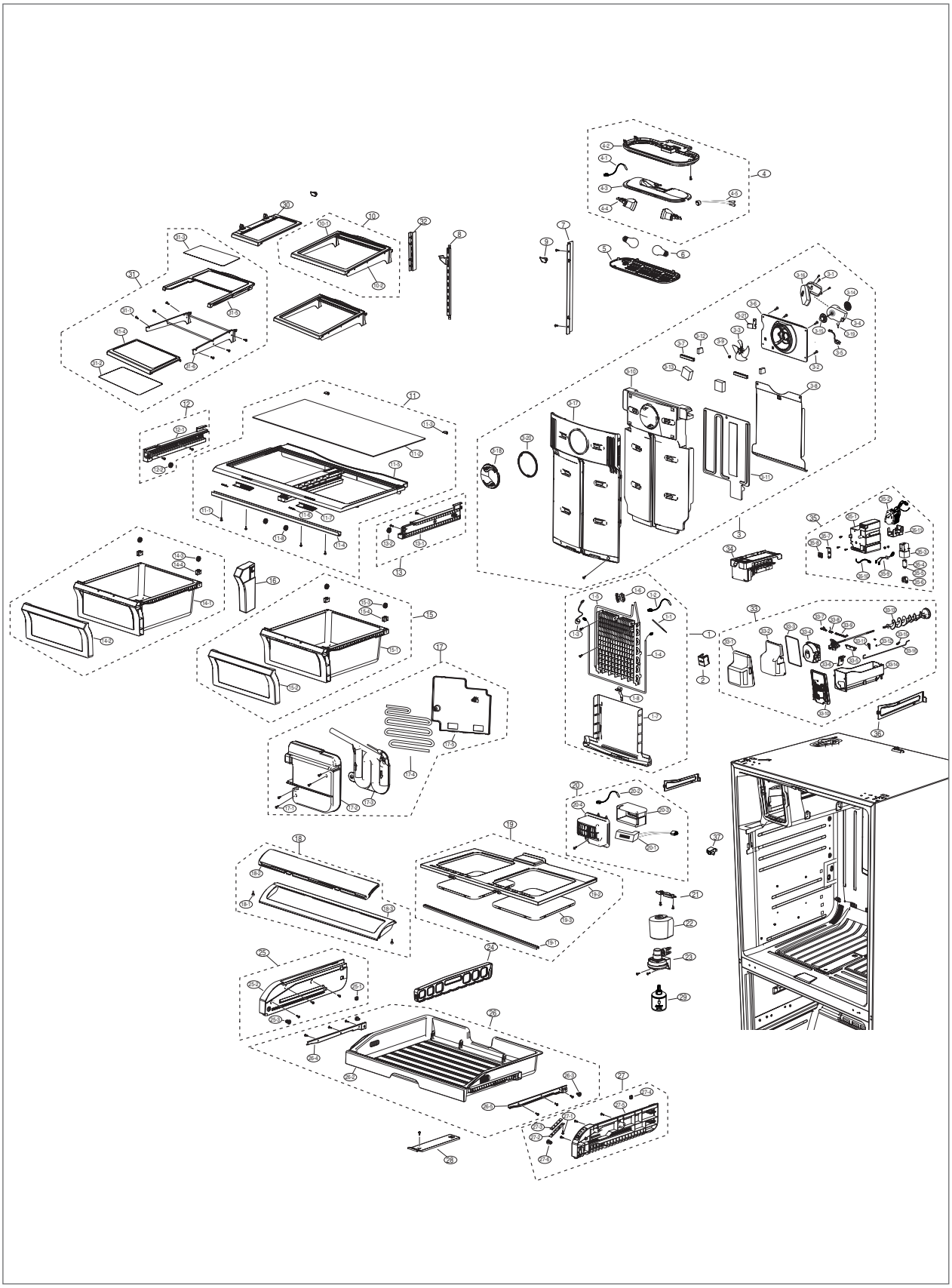
■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA96-00399C	ASSY EVAP-FRE ICE	AW-PJT(BEST,GE),115V,240W	1		
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	3	RO101	
1-2	DA32-00027B	SENSOR ASSY	502AT,AW-PJT,-40~110?,5V,R-DEF-SENSOR,YEL,400MM	1		
1-3	DA47-00243R	THERMO BIMETAL-PROTECTOR	AW-PJT(F),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1	RI074	
1-4	DA47-00244C	HEATER-METAL SHEATH	AW-PJT,240W,115V,55.1,F-ROOM	1	RF030	
1-5	DA59-00361A	EVAP FRE,ICE	PIN,115V,AW-PJT	1		
1-6	DA61-02901A	FIXER-SENSOR EVAP	CORE-PJT,PP,NTR	1	RI157	
1-7	DA61-03187B	PLATE-DRAIN FRE	AW-PJT,GALVANUME,T0.3	1	RF026	
1-8	DA61-03644A	PLATE-EVAP HEATER	AL,T0.7	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT,GALVALUM,T0.3	1		
3	DA63-03420A	COVER-LAMP FRE	AW,GPPS,NTR	1	RF031	
4	4713-001223	LAMP INCANDESCENT	120V,500mA,60W,47x84mm	1	RI081	
5	DA63-03696A	TRAY-FREE UPP SUB	AW-PJT,SAN	1	RI064	
6	DA97-05354A	ASSY TRAY-FRE UPP	AW-PJT	1		
6-1	DA63-03435A	COVER-TRAY FRE UPP A	AW-PJT,HIPS,COOL WHITE	1	RI064	
6-2	DA63-03436A	COVER-TRAY FRE UPP B	AW-PJT,GPPS	1	RI062	
6-3	DA63-03697A	TRAY-FRE UPP	AW-PJT,HIPS,COOL WHITE	1	RI064	
7	DA97-04834B	ASSY RAIL-SLIDE UPP L	AW-PJT	1	RI177	
7-1	6002-000458	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	1	RS059	
7-2	DA61-03334A	RAIL-SLIDE UPP L	AW-PJT,STS430	1	RI187	
7-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1	RI220	
7-4	DA63-03416A	COVER-RAIL UPP L	AW,HIPS,COOL WHITE	1	RI225	
8	DA97-04833B	ASSY RAIL-SLIDE UPP R	AW-PJT	1	RI178	
8-1	6002-000458	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	1	RS059	
8-2	DA61-03159A	RAIL-SLIDE UPP R	AW-PJT,STS430	1	RI188	
8-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1	RI220	
8-4	DA63-03417A	COVER-RAIL UPP R	AW-PJT,HIPS,COOL WHITE,	1	RI226	
9	DA63-03414A	COVER-RAIL LOW L	AW-PJT,ABS,COOL WHITE	1	RI223	
10	DA97-04836A	ASSY RAIL-SLIDE LOW L	AW-PJT	1	RI171	
10-1	DA34-00047A	SWITCH PRESSURE	AW-PJT,HIPS,COOL WHITE	1	RO151	
10-2	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1	RI170	
10-3	DA61-03158A	RAIL-SLIDE LOW L	AW-PJT,STS430	1	RI184	
10-4	DA66-00436A	GEAR-L	AW-PJT,POM,NTR	1	RI242	
11	DA66-00437A	SHAFT-GEAR	AW-PJT,SM25C	1	RI244	
12	DA67-00859C	CAP-DOOR HANDLE	CORE,POM,-,-,-,INOX,SC-06034R	1	RD059	
13	DA97-04835A	ASSY RAIL-SLIDE LOW R	AW-PJT	1	RI173	
13-1	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1	RI170	
13-2	DA61-03333A	RAIL-SLIDE LOW R	AW-PJT,STS430	1	RI185	
13-3	DA66-00435A	GEAR-R	AW-PJT,POM,NTR	1	RI243	
14	DA63-03415A	COVER-RAIL LOW R	AW-PJT,ABS,COOL WHITE	1	RI224	
15	DA61-03190A	FIXER-TRAY FRE UPP	AW-PJT,PP,NTR	2	RF122	
16	DA34-10120E	SWITCH DOOR-F	slide,250V,0.5A,cool white	1	RF041	
17	DA61-03416A	GUIDE-DRAWER BOX	AW-PJT,HIPS,COOL WHITE	1	RI218	
18	DA97-04848A	ASSY TRAY-DRAWER BOX	AW-PJT	1	RI227	
18-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6	RS047	
18-2	DA61-03160A	REINF-DRAWER BOX	AW-PJT,SECC1,T3.0,COOL WHITE	2	RI181	
18-3	DA63-03418A	TRAY-DRAWER BOX	AW-PJT,PP,COOL WHITE	1	RI237	
19	DA97-05343B	ASSY COVER-EVAP FRE ICE	AW-PJT(RF267,GE)	1		
19-1	6002-000213	SCREW TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6	RS047	
19-2	6002-000215	SCREW TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	8	RS080	
19-3	DA31-00124A	FAN AX100W4CC T1	FAN-AX100W4CC-T1	1	RI085	
19-4	DA31-00146C	MOTOR DC BLDC	DC12V,150mA,2.1W	1	RI089	

■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
19-5	DA61-03183A	CASE MOTOR FRE	AW-PJT,BUBBLE PP	1	RF120	
19-6	DA61-03618A	PLATE INS EVAP FRE ICE	GALVALUME,T0.3	1		
19-7	DA61-20128A	SPRING ETC FAN	STS304,PI7.8,-,OD1.0	2	RW716	
19-8	DA62-01527A	INSULATION COVER EVAP FRE ICE	FOAM-PS	1		
19-9	DA63-01146A	GORMMET MOTOR REAR	NBR,-,-,-,ID6.5,OD42	2	RO138	
19-10	DA63-01808A	GORMMET MOTOR FRONT	NBR,BLACK	2	RO137	
19-11	DA63-01809A	COVER MOTOR BLDC	PP,NTR	2	RF083	
19-12	DA63-03740A	COVER EVAP FRE ICE	PP(BJ-730)	1		
19-13	DA63-40167A	GROMMET COVER CHIL	SILICON	2	RI087	
19-14	DA96-00042J	WIRE HARNESS MOTOR	R-Fan/ F-Fan	1	RI133	
19-15	DA96-00042H	WIRE HARNESS MOTOR ICE	Ice-room Fan	1	RI133	
19-16	DA67-01774A	DUCT ICE SUB	PP(BJ-730)	1		
19-17	DA61-03724A	PLATE DRAIN ICE	GALVALUME,T0.3	1		
19-18	DA47-00261A	HEATER DUCT FRE	4W,-,115V,3306Ω	1		
19-19	DA61-03627A	PLATE DRAIN FAN	AL,T0.8	1		
19-20	DA31-00146E	MOTOR FAN BLDC	DREP5020LB	1	RF038	
19-21	DA31-00123A	FAN BACKWARD	ABS(HP-0760)	1	RI150	
19-22	DA61-03617A	CASE MOTOR FRE ICE	PP(BJ-730),WHITE	1		
19-23	DA62-01526A	SEAL COVER EVAP FRE	FOAM-PE+AL,-,T2,W147,L640	1		
20	DA97-02019B	ASSY-COVER SONSOR		1	RI021	
20-1	DA63-10467B	COVER-SONSOR	HIPS,SC-02740R,COOL WHITE	1	RI021	
20-2	DA32-00011U	SENSOR TEMP	PX-41C,AW-PJT,-40~110?,5V	1		

5-2) Refrigerator



■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA96-00365D	ASSY EVAP-REF	AW-PJT(BEST,GE),115V/120W	1	RI016	
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	4	RO101	
1-2	DA32-00027B	SENSOR ASSY	PX41C,502AT,AW-PJT,40~110,5V,RDEF SENSOR,YEL,400MM	1		
1-3	DA47-00243S	THERMO BIMETAL-PROTECTOR	AW-PJT(R),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1	RI074	
1-4	DA47-00244D	HEATER-METAL SHEATH	AW-PJT,120W,115V,110.2?,RROOM	1	RF030	
1-5	DA59-00357B	EVAP REF	AW-PJT	1	RI016	
1-6	DA61-03683A	FIXER-SENSOR	ATOP,EVAP,PP,NTR,ALL	1		
1-7	DA61-03188A	PLATE-DRAIN REF	AW-PJT,GALVANUME,T0.4,	1	RF026	
1-8	DA61-03644A	PLATE-EVAP HEATER	AL,T0.7	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT,GALVALUM,T0.3	1		
3	DA97-04939G	ASSY COVER-EVAP REF	AW-PJT(BEST)	1	RI008	
3-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	3	RS047	
3-2	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	4	RS080	
3-3	DA31-00124A	FAN-AX100W4CC-T1	TD-PJT,ABS	1	RI085	
3-4	DA31-00146C	MOTOR BLDC	2950,DC12V,150mA,2.1W,MOTORBLDC	1	RI089	
3-5	DA96-00042J	WIRE HARNESS-MOTOR	ATOP,351510410,N00909204,BLDC,R,FFAN	1	RI133	
3-6	DA61-03181A	CASE-MOTOR REF	AW-PJT,BUBBLE PP,NTR	1	RF121	
3-7	DA61-03182A	GUIDE-INS EVAP REF	AW-PJT,ABS,NTR	2	RI210	
3-8	DA61-03186A	PLATE-INS EVAP REF	AW-PJT,GALVANUME,T0.4	1	RI141	
3-9	DA61-20128A	SPRING ETC-FAN	STS304,PI7.8,OD1.0,FD	1	RW716	
3-10	DA62-01381A	INSULATION-EVAP REF	AW-PJT,FOAMPS	1	RI231	
3-11	DA62-01382A	INSULATION-EVAP REAR	AW-PJT,FOAMPS	1	RI233	
3-12	DA62-01383A	INSULATION-EVAP SUB	AW-PJT,FOAMPS	2	RI232	
3-13	DA62-01423A	INSULATION-EVAP DUCT	AW-PJT,FOAMPS,T20,W44.5,L45	2	RI236	
3-14	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1	RO138	
3-15	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,H20	1	RO137	
3-16	DA63-01809A	COVER MOTOR-BLDC	BLDCNEW,PP,NTR,BJ730	1	RF083	
3-17	DA63-03430A	COVER-EVAP REF	AW-PJT,HIPS	1	RI008	
3-18	DA63-03517A	COVER-EVAP REF SUB	AW-PJT,HIPS(HG1760SF),COOL-WHT	1	RI240	
3-19	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1	RI087	
3-20	DA64-02065A	TRIM-COVER EVAP REF	AW-PJT,ABS,COOL-WHITE	1	RI241	
3-21	DA61-03599A	PLATE-HOUSING REF	GALVALUME,T0.3	1		
4	DA97-04842C	ASSY CASE LAMP-REF	AW-PJT	1	RI246	
4-1	DA32-00006T	SENSOR TEMP-R	PX-41C, 502AT,AW-PJT,-40~1	1	RI139	
4-2	DA61-03163A	CASE-LAMP REF	AW,HIPS,COOL WHITE	1		
4-3	DA61-03169A	PLATE LAMP REF	AW,SBHG1,T0.4	1	RI119	
4-4	DA47-40001D	LAMP HOLDER ASSY	E26,250V,660W,TE5006F	2	RI151	
4-5	DA47-00243D	THERMO BIMETAL PROTECTOR	AW-PJT(R-Lamp),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1	RI074	
5	DA63-03773A	COVER-LAMP REF	AW,PC,CRYSTAL	1		
6	4713-001223	LAMP INCANDESCENT	120V,500mA,60W,47x84mm	2	RI081	
7	DA61-03180A	ANGLE-SHELF REF SIDE	AW,SECC1,T2.0,COOL-WHITE	1		
8	DA97-05545A	ASSY ANGLE SHELF REF	AW,SECC1,T2.0,COOL-WHITE	1		
9	DA67-01688A	CAP-ANGLE	AW-PJT,HIPS,COOL-WHITE	1		
10	DA97-04896A	ASSY SHELF GLASS REF SLIDE		2		
10-1	DA67-01607A	SHELF GLASS REF SLIDE	PP+GLASS,COOL WHITE	1		
10-2	DA97-04870A	ASSY SHELF HANGER SLIDE		1		
11	DA97-05382A	ASSY COVER-VEG	AW-PJT	1		
11-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	4	RS047	
11-2	DA01-00400B	GLASS-COVER VEG	756*343,T3.2,1° PRINT	1		
11-3	DA61-03166A	FIXER-COVER VEG	AW,HIPS,COOL-WHITE	2	RI208	
11-4	DA61-03173A	REINF-COVER VEG	AW-PJT,SHP1,T2.9,BLACK	1	RI209	
11-5	DA63-03761A	COVER-VEG REF	AW,HIPS,COOL-WHITE	1	RI010	

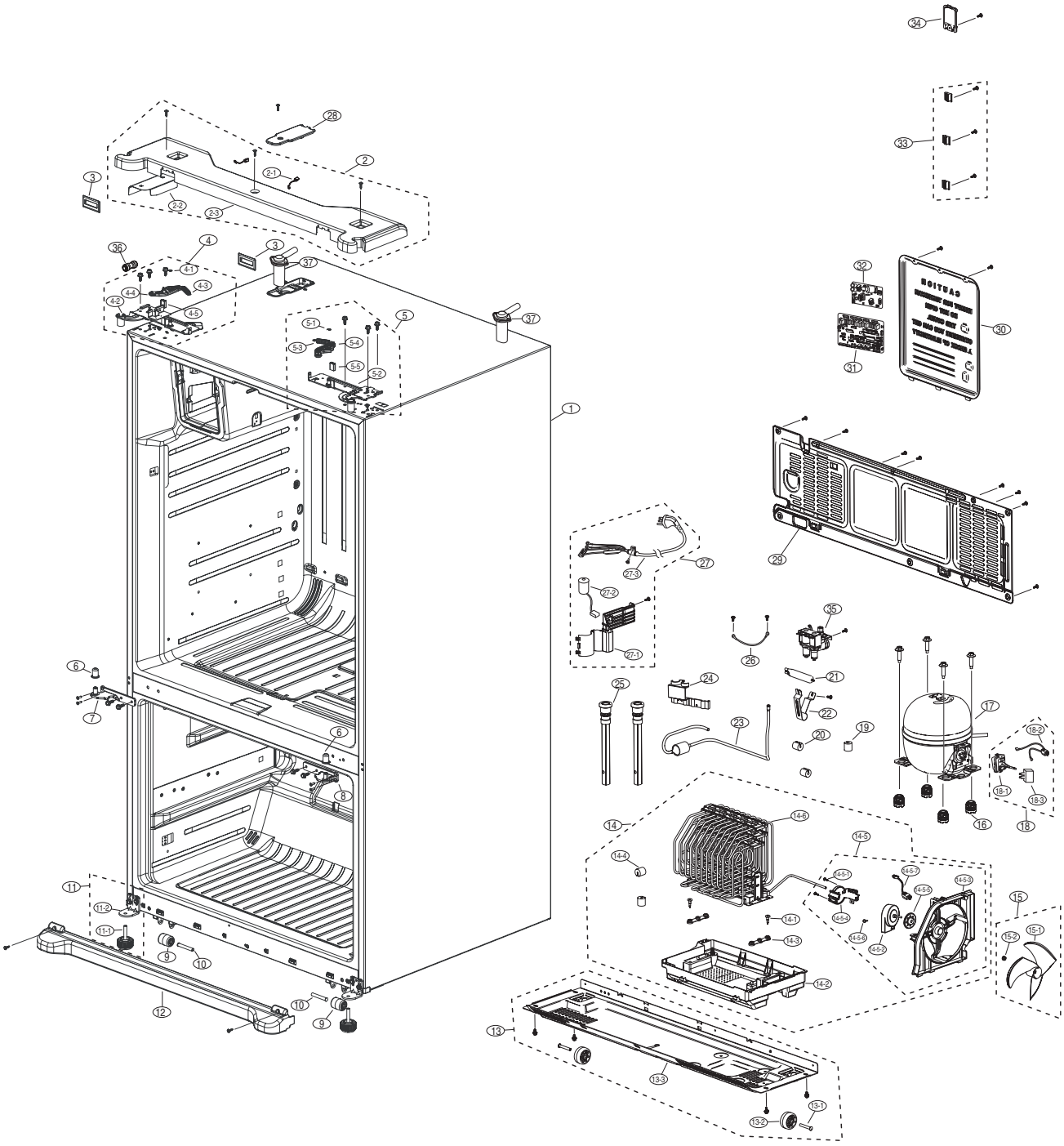
■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
11-6	DA64-00817A	KNOB-HUMIDITY	QUEEN,ABS	2	RQ611	
11-7	DA66-00438A	LEVER-HUMIDITY	AW,HIPS,COOL-WHITE	2	RD023	
11-8	DA66-10104A	ROLLER-FRE	POM,D22	2	RW648	
12	DA97-04839A	ASSY RAIL-VEG L	AW-PJT	1	RI028	
12-1	DA61-03172A	RAIL-VEG L	AW,HIPS,COOL-WHITE	1	RI028	
12-2	DA66-10104A	ROLLER-FRE	POM,D22	1	RW648	
13	DA97-04840A	ASSY RAIL-VEG R	AW-PJT	1	RI029	
13-1	DA61-03177A	RAIL-VEG R	AW,HIPS,COOL-WHITE	1	RI029	
13-2	DA66-10104A	ROLLER-FRE	POM,D22	1	RW648	
14	DA97-04846A	ASSY CASE-VEG REF	AW-PJT	1	RI999	
14-1	DA61-03165A	CASE-VEG REF	AW,SAN,NTR	1	RI999	
14-2	DA63-03426A	COVER-VEG FRONT	AW,HIPS,COOL-WHITE	1	RI100	
14-3	DA66-10104A	ROLLER-FRE	POM,D22	2	RW648	
14-4	DA71-20145A	FIXER-ROLLER	PA	2	RH029	
15	DA97-05381A	ASSY CASE-VEG REF R		1		
15-1	DA61-03652A	CASE VEG REF R	SAN,NTR	1		
15-2	DA63-03760A	COVER VEG FRONT R	HIPS,COOL WHITE	1		
15-3	DA66-10104A	ROLLER FRE	POM	2	RW648	
15-4	DA71-20145A	FIXER ROLLER	PA	2	RH029	
16	DA97-05465A	ASSY-PARTITION VEG		1		
17	DA97-05033D	ASSY-COVER WATER TANK	AW-PJT	1		
17-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	2	RS047	
17-2	DA63-03449A	COVER-TANK WATER	AW-PJT,PP,COOL-WHITE	1	RI044	
17-3	DA97-02650G	ASSY TANK WATER		1		
17-4	DA63-03843A	COVER HEATER WATER TANK	PP(BJ-730)	1		
17-5	DA47-00264A	HEATER WATER TANK	3W,DC 12V,48.0Ω	1		
18	DA97-05383C	ASSY COVER-SLIDE PANTRY	AW-PJT BEST	1		
18-1	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	2	RI220	
18-2	DA63-03764A	COVER-SLIDE PANTRY A	AW,GPPS,NTR	1	RI195	
18-3	DA63-03765A	COVER-SLIDE PANTRY B	AW,HIPS,COOL WHITE	1	RI200	
19	DA97-05370A	ASSY SHELF-PANTRY	AW-PJT	1	RI195	
19-1	DA61-03174A	REINF-SHELF PANTRY	AW-PJT,SECC1,T1.2,COOL WHITE	1	RI204	
19-2	DA67-01781A	SHELF-PANTRY	HIPS,COOL WHITE	1	RI205	
19-3	DA64-02235A	WINDOW SHELF PANTRY	GPPS,NTR	2		
20	DA97-04856B	ASSY COVER-MOTOR DAMPER	AW-PJT	1		
20-1	DA31-00071C	DAMPER MOTOR	DC12V,600mA,BBC-PJT	1	RI168	
20-2	DA32-00006R	SENSOR TEMP-PANTRY	PX-41C,502AT,AW-PJT	1		
20-3	DA62-01380A	INSULATION-MOTOR DC DAMPER	AW-PJT,FOAMPS,NTR	1	RI228	
20-4	DA63-03419A	COVER-MOTOR DC DAMPER	AW-PJT,PP,COOL WHITE	1	RF037	
21	DA61-03202A	GUIDE-FRENCH	AW-PJT,POM,COOL-WHITE(SC02740R)	1	RI211	
22	DA63-03685B	COVER-WATER FILTER	AW-PJT,HIPS,COOL-WHITE	1	RI238	
23	DA97-01666Y	ASSY CASE-FILTER	AW-PJT	1	RI006	
24	DA61-03167A	GUIDE-PANTRY	AW,PP,COOL-WHITE	1	RI201	
25	DA97-05371B	ASSY COVER-RAIL PANTRY L	AW-PJT(BEST,GE)	1	RI190	
25-1	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	1	RI207	
25-2	DA63-03762A	COVER-RAIL PANTRY L	AW,HIPS,COOL-WHITE	1	RI197	
25-3	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1	RQ266	
26	DA97-04847D	ASSY CASE-PANTRY	AW-PJT,COOL WHITE,ROLLER(Ni-Zn)	1	RI189	
26-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6	RS047	
26-2	DA61-03164A	CASE-PANTRY	AW,HIPS,COOL-WHITE	1	RI196	
26-3	DA97-05296B	ASSY ROLLER A	AW-PJT,Ni-Zn	2	RQ265	
26-4	DA97-04837A	ASSY RAIL-PANTRY L	AW-PJT	1	RI193	

■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
26-5	DA97-04838A	ASSY RAIL-PANTRY R	AW-PJT	1	RI194	
27	DA97-05384C	ASSY COVER-RAIL PANTRY R	AW-PJT(BEST)	1	RI191	
27-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A	1	RS080	
27-2	DA41-00423C	PBA PANEL-PANTRY		1	RO052	
27-3	DA64-02246C	INLAY-CONTROL PANEL	AW BEST,PC	1		
27-4	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	1	RI207	
27-5	DA63-03763A	COVER-RAIL PANTRY R	AW,HIPS,COOL-WHITE	1	RI198	
27-6	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1	RQ266	
28	DA61-03175A	SUPPORT-PANTRY	AW,PP,COOL-WHITE	1	RI206	
29	DA29-00003B	FILTER WATER-ASSY	ATOP,86*86*167,NSF53	1	RI070	
30	DA97-05240A	ASSY SHELF REF FOLD		1	RI038	
31	DA97-05359A	ASSY SHELF QUICK SPACE		1		
31-1	6002-001397	SCREW TAPPING		6	RS080	
31-2	DA01-00422A	GLASS SHELF QUICK SPACE A	W361.5,L206.5,T3.2	1		
31-3	DA01-00428A	GLASS SHELF QUICK SPACE B	W340,L207,T3.2	1		
31-4	DA67-01778A	SHELF QUICK SPACE A	ABS(HG-0760)	1		
31-5	DA67-01779A	SHELF QUICK SPACE B	ABS(HG-0760	1		
31-6	DA91-02545A	ASSY HANGER QUICK SPACE		1		
32	DA61-03591A	ANGLE-SHELF REF SIDE L		1		
33	DA97-05239A	ASSY-TRAY ICE BUCKET		1		
33-1	DA63-03687A	COVER-ICE BUCKET A	AW-PJT,HIPS,T2.5,-,-,-,-,WHT,187*266*120	1		
33-2	DA62-01475A	INSULATION-COVER ICE BUCKET	AW-PJT,EPS,40,182,261,WHT,-,-,-	1		
33-3	DA63-03737A	GASKET-COVER ICE BUCKET	AW-PJT,SILICONE,1.0,-,730,GRAY,-,OD5.0	1		
33-4	DA63-03686A	COVER-CRUSHER	AW-PJT,HIPS,T3,-,-,-,-,WHT,140*140*55	1	RF035	
33-5	DA62-01569A	INSULATION-COVER ICE BUCKET-SUB	AW-PJT,EPS,20,30,115,WHT,-,-,-	1		
33-6	DA61-03505A	GUIDE-CRUSHER	AW-PJT,HIPS,T3,-,-,WHT,48*96*60	1		
33-7	DA66-00476A	LEVER-ICE BUCKET B	AW-PJT,ABS,13,40,67,-,WHT,-	1		
33-8	DA61-03506A	SPRING ETC-COVER BUCKET	AW-PJT,STS304,?1.2,ID 9.6,OD12,-,-,25,-,-,-	1		
33-9	DA66-00477A	LEVER-ICE BUCKET C	AW-PJT,ABS,13,40,115,-,WHT,-	1		
33-10	DA63-03688A	COVER-ICE BUCKET B	AW-PJT,HIPS,T2,-,-,-,-,WHT,181*266*40	1		
33-11	DA66-00475A	LEVER-ICE BUCKET A	AW-PJT,ABS,T2.0,-,-,-,WHT,15*50*11	1		
33-12	DA67-01719A	CAP-LEVER ICE BUCKET	AW-PJT,ABS,T1.0,-,-,WHT,?9.8*6	1		
33-13	DA65-00046A	CLAMPER CORE-HELIX	AW-PJT,POM,-,?80,L440,WHT,INSERT : CLAMPER CORE	1	RF104	
33-14	DA63-03689A	TRAY-ICE BUCKET	AW-PJT,ABS,T2.5,-,-,-,WHT,138*165*410	1		
33-15	DA61-20124D	SPRING ETC-DISPENSER	AW-BEST-GE-OEM,STS304,0.9,9	1	RW710	
33-16	DA66-00478A	LEVER-CUBE	AW-PJT,MSWR10,?4.5,-,L550,-,-,-	1		
34	DA97-05422A	ASSY ICE MAKER		1		
35	DA97-05246A	ASSY-CASE AUGER MOTOR		1		
35-1	DA61-03517A	CASE-AUGER MOTOR	AW-PJT,HIPS(HR-1360),-,-,-,COOL-WHT(SC-02740R),-	1		
35-2	DA31-00105E	MOTOR GEARED-AUGER	ISG3240SSI,18RPM,127Kgf.cm,192:1,110~127V,2.3A,-,-,4OT,-,-	1		
35-3	DA74-40151G	VALVE-SOLENOID	SR-S6586B,-,-,-,-,CUBE-SN1,110-127[V]42Ω	1		
35-4	DA63-90008A	BUSH-SOLENOID	-,POM,-,-,-,SC-93438R,-	1	RF034	
35-5	DA66-90003A	GEAR-SOLENOID	POM,-,-,-,-,SC-93438R	1	RF039	
35-6	DA61-60001A	SLIDER-SOLENOID DISP	-,POM,-,-,-,-,-	1	RO088	
35-7	DA61-01659B	PLATE-DRIVE AUGER	NEXT-PJT,STS304,T2.5,-,-,-,-	1	RW111	
35-8	DA71-00163A	FIXER-NUT	ZIPEL,STS420,T1,-,CLIP,STS420-J2	1	RW358	
35-9	DA96-00036N	ASSY-WIRE HARNESS SUB(EM)	AW-PJT,W/H EJECT MOTOR	1	RW700	
35-10	DA32-00011U	SENSOR TEMP	PX-41C,AW-PJT,-40~110?,5V,-,-,F-SENSOR,YEL,100MM	1	RF047	
35-11	DA63-02012B	COVER-MOTOR AUGER SUB	A-TOP,ABS≥≠Ø¨ NTR,-,-,-,-,-,NTR,-	1		
36	DA63-03691A	COVER HARNESS ICE ROOM	HIPS(HR-1360)	1		
37	DA34-00033B	SWITCH DOOR	SLIDE,250V/125V	1		

5-3) Cabinet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■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA90-03870A	ASSY CABINET FORM	AW-PJT,BLACK	1		
1	DA90-03870B	ASSY CABINET FORM	AW-PJT,REAL-STS	1		
1	DA90-03870C	ASSY CABINET FORM	AW-PJT,SNOW-WHITE	1		
1	DA90-03870D	ASSY CABINET FORM	AW-PJT,PLATINUM-STS	1		
2	DA97-05390A	ASSY-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-2	DA61-04051A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,65.5,107,-,AW-BESTÄ	1	RO159	
2-3	DA64-02256A	TOP TABLE	AW-PJT,ABS(VH0815),I-BLACK(SC-00477R)	1	RO008	
2	DA97-05390B	ASSY-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-2	DA61-03678A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1	RO159	
2-3	DA64-02256B	TOP TABLE	AW-PJT,ABS(VH0815),Creamy STS(SC-07009R)	1	RO008	
2	DA97-05390C	ASSY-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2	RO150	
2-2	DA61-03678A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1	RO159	
2-3	DA64-02256C	TOP TABLE	AW-PJT,ABS(VH0815),Snow-White(SC-97527R)	1	RO008	
3	DA67-01613A	CAP-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	2	RO184	
3	DA67-01613B	CAP-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	2	RO184	
3	DA67-01613C	CAP-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	2	RO184	
4	DA97-04874D	ASSY HINGE UPP-L	AW-PJT,T2.9,BLACK	1	RO041	
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
4-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
4	DA97-04874E	ASSY HINGE UPP-L	AW-PJT,T2.9,Creamy-STS	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
4-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
4	DA97-04874F	ASSY HINGE UPP-L	AW-PJT,T2.9,Snow-White	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1	RO129	
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
4-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1	RO172	
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
5	DA97-04875A	ASSY HINGE UPP-R	AW-PJT,T2.9,i-BLACK	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	
5	DA97-04875B	ASSY HINGE UPP-R	AW-PJT,T2.9,Creamy-STS	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	

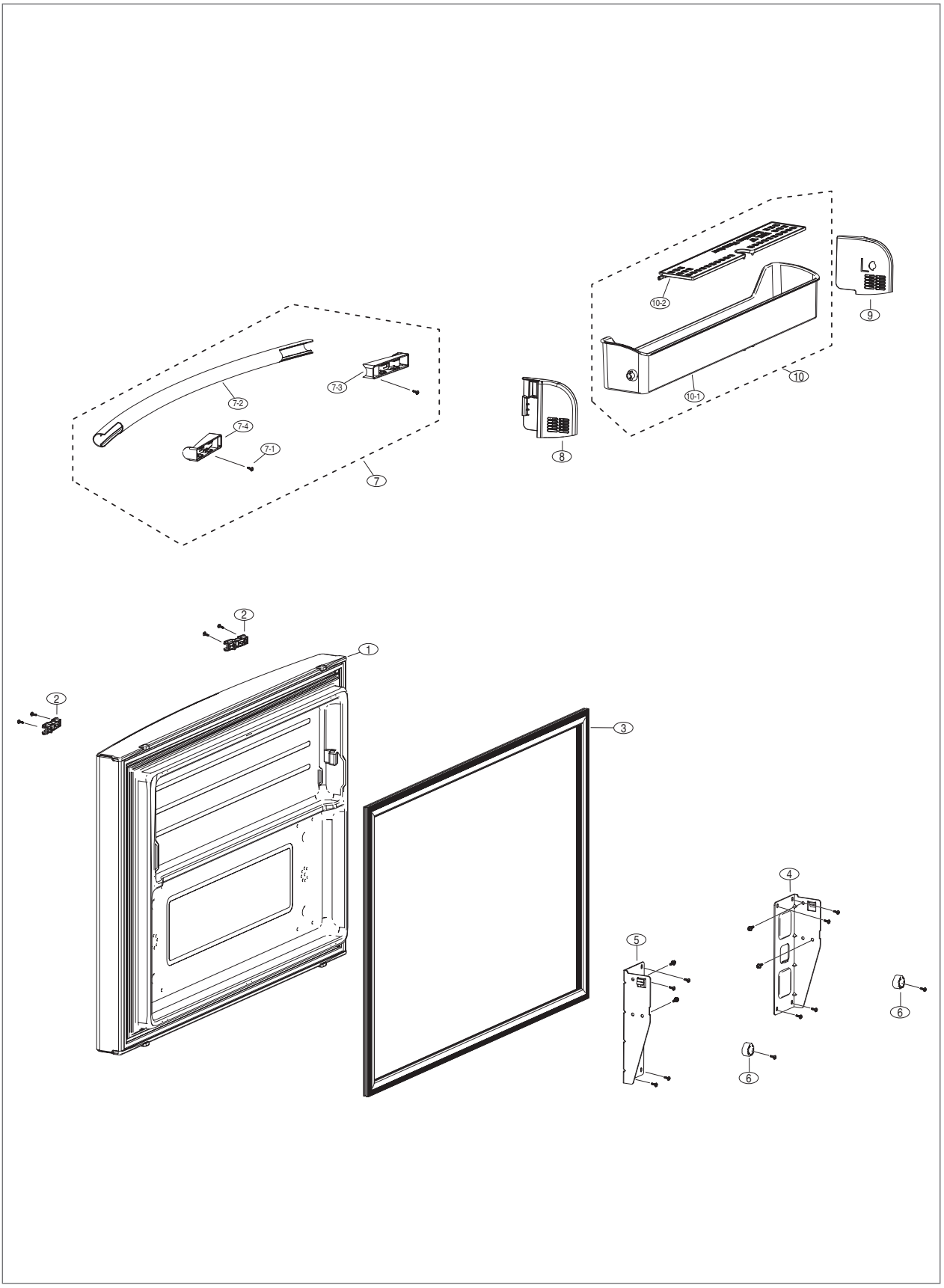
■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
5	DA97-04875C	ASSY HINGE UPP-R	AW-PJT,T2.9,Snow-White	1	RO042	
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1	RO152	
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1	RO128	
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1	RE084	
5-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1	RO172	
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1	RO170	
6	DA63-02905A	GROMMET HINGE-MID,R	NEXT,POM,T2.0,WHITE,	2	RO163	
7	DA97-04876B	ASSY HINGE MID-L	AW-PJT,T4.5,Ni-Cr	1	RO039	
8	DA97-04877B	ASSY HINGE MID-R	AW-PJT,T4.5,Ni-Cr	1	RO039	
9	DA61-40115B	CASTER-FRONT	SR-50,PP	1	RH009	
10	DA61-01920A	CASTER-RIVET	(ZPC2),MSWR10,OD8.0,L54	1	RH012	
11	DA97-05016A	ASSY-SUPPORT FOOT FRONT	AW-PJT	2		
11-1	DA61-00805C	FOOT-FRONT	AW-PJT,PP	1	RO001	
11-2	DA61-03217A	SUPPORT-FOOT FRONT	AW-PJT,SHP1,T4.0,BLACK	1	RO158	
12	DA63-03434A	COVER-LEG FRONT	AW-PJT,PP,i-BLACK	1	RO003	
12	DA63-03434B	COVER-LEG FRONT	AW-PJT,PP,Creamy-STS	1	RO003	
12	DA63-03434C	COVER-LEG FRONT	AW-PJT,PP,Snow-White	1	RO003	
13	DA97-02064B	ASSY CHASSIS-COMP	AD,NEXT,SBHG1,T1.4,	1	RO002	
13-1	DA60-90146A	PIN-CASTER	MSWR10,OD6.0,L40,ZPC2,SR2894	2	RH019	
13-2	DA61-40126B	CASTER-REAR	REFALL,PP,PI 44,NTR,W22,	2	RH011	
13-3	DA64-01170A	CHASSIS COMP	AD,SBHG1,T1.4,	1	RO002	
14	DA97-05043B	ASSY TRAY-DRAIN WATER	AW-PJT,	1	RH003	
14-1	6009-001252	SCREW-SPECIAL	PH,+,M4.0,L20(12),ZPC(WHT),SWRCH18A	2	RQ747	
14-2	DA63-03450A	TRAY-DRAIN WATER	AW-PJT,PP,NTR,	1	RH003	
14-3	DA63-40128A	GROMMET-SUB COND	,NBR,DARKGRAY	2	RH022	
14-4	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	2	RH033	
14-5	DA97-03145K	ASSY SUPPORT-CIRCUIT MOTOR	NEXT,	1	RO132	
14-5-1	6003-000003	SCREW-TAPTITE	BH,+,B,M4,L10,ZPC(BLK),SWRCH18A,	2	RS080	
14-5-2	DA31-00146D	MOTOR BLDC	,1500,DC12V,250mA,2.5W,MOTORBLDC,	1	RI089	
14-5-3	DA61-02349B	SUPPORT-CIRCUIT MOTOR	NEXT,ABS,NTR,	1	RF033	
14-5-4	DA61-02355B	BRACKET-CIRCUIT MOTOR	ABS,NEXT,-,-,-,NTR	1	RH039	
14-5-5	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,BLDCÄ	1	RO138	
14-5-6	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1	RI087	
14-5-7	DA96-00042A	ASSY-HARNESS MOTOR	ATOP UL(MOTOR),CFAN,350MM	1	RI133	
14-6	DA97-05093A	ASSY PIPE-SPIRAL COND	AW-PJT,	1	RH031	
15	DA31-00010D	FAN-ASS'Y	,ET,ZIPEL,ASSY,UNIT,?150	1	RI085	
15-1	DA31-00015C	FAN-TURBO	,ET-PJT,ABS+GLASS FIBE,GR4010	1	RI085	
15-2	DA61-20128A	SPRING ETC-FAN	,STS304,PI7.8,OD1.0,FD	1	RW716	
16	DA63-02017A	GROMMET-COMP	QUEEN,EPDM,	4	RQ565	
17	MK172DR2U/E08	COMPRESSOR	115127V~60HZ,RSCR,FAN	1	RH002	
18	DA97-02895C	ASSY-COMP SUB	AW-PJT,MK172D-R2U,	1	RO138	
18-1	DA96-00270C	ASSY-RELAY PTC	12SP16A435RF100,135/61?,10•ÿ	1	RH005	
18-2	DA96-00174C	ASSY-HARNESS COMP	AW-PJT,AWG 18Ä	1	RH027	
18-3	2301-001837	C-FILM,LEAD	12000nF,5/10%,250V,Bulk,50x25x36	1	RO153	
19	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	1	RH033	
20	DA63-40171D	GROMMET-SUCT PIPE B	RAIL L19.5,NR,OD20,ID6,BLK	2	RH034	
21	DA62-01514A	DRYER	REF-ALL,C1220T,OD18.70,L114	1	RH014	
22	DA61-02657A	CLIP-DRYER	AD,SECC1,T0.4,	1	RO141	
23	DA97-04977A	ASSY PIPE CONNECT-SUCTION	aw,c1220 t	1	RT094	
24	DA61-02434A	FIXER-HOSE(VALVE)	ET'05-PJT,PP,T2	1	RO128	
25	DA97-04049A	ASSY CAP-DRAIN	EPEL,ASSY,L224.5,SOFTPVC	2	RZ110	
26	DA39-20389L	WIRE HARNESS-EARTH	GREEN/YEL,UL 1015 AWG18,150mm	1	RH032	

■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
27	DA97-05147A	ASSY-COVER NOISE FILTER	AW-PJT	1	RH040	
27-1	DA63-02907A	COVER-NOISE FILTER	NEXT,PP,NFPP	1	RH040	
27-2	DA27-00009B	COIL CHOKE-EMI FILTER	FA2107LB,QUEEN GE,5mH,+50%,30%,10A,38*50	1	RQ408	
27-3	DA39-10165E	CBF-POWER CORD	ET-PJT,SVT-3,125V,15A,L=2300,BLACK,UL	1	RO005	
28	DA97-05363B	ASSY-COVER PIPE WATER	AW-PJT	1	RO119	
29	DA97-01947D	ASSY COVER-COMP	AD,SBHG1,T0.35,	1	RH001	
30	DA97-05031B	ASSY-COVER PCB PANEL	AW-PJT,	1		
31	DA41-00413C	PBA MAIN-BEST		1	RO007	
32	DA41-00320A	PBA SMPS-NEXT	NEXT,TOP,CEM1,148*100,POWER SUPPLY,85~170V,50~60Hz	1	RO052	
33	DA61-02434A	FIXER-HOSE	ET05,PP,T2	3	RO128	
34	DA63-00586B	COVER-TUBE FILTER	A-TOP,W76,L83	1	RW303	
35	DA62-00914B	VALVE-WATER FITTING	12A-41,110~127V	1	RO089	
36	DA62-20111B	TUBE-FITTING	POM,SRS6580Z,OD8.1	1	RO087	
37	DA97-05362A	ASSY-PIPE WATER	AW-PJT(BEST)	1		

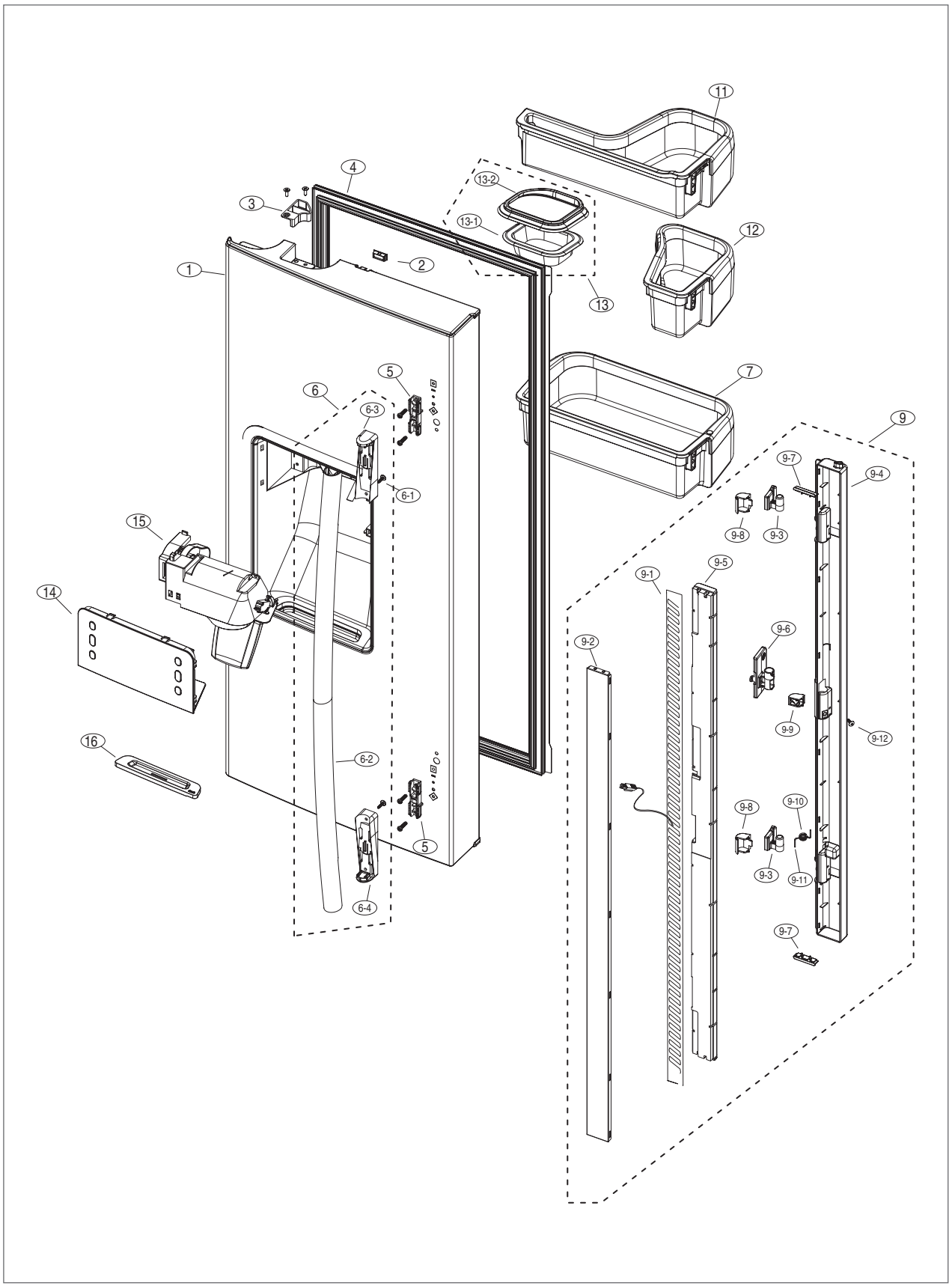
5-4) Disassembly of Freeze Door



■ Parts List of Freezer Door

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02462R	ASSY DOOR FOAM FRE	AW-PJT,Empire-Black,i-BLACK	1	RD001	
1	DA91-02462N	ASSY DOOR FOAM FRE	AW-PJT,Versailles STS,Noble-STS	1	RD001	
1	DA91-02462P	ASSY DOOR FOAM FRE	AW-PJT,Snow-White	1	RD001	
1	DA91-02462Q	ASSY DOOR FOAM FRE	AW-PJT,Platinum-STS,Noble-STS	1	RD001	
2	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR	2	RO061	
3	DA97-05557A	ASSY-GASKET DOOR FRE	AW-PJT,BLACK,TD-SEC	1	RD012	
3	DA97-05557B	ASSY-GASKET DOOR FRE	AW-PJT,GRAY,TD-SECT	1	RD012	
4	DA61-03153B	HANGER-RAIL FRONT L	AW,SECC1,T2.0,COOL-WHITE	1	RD092	
5	DA61-03155B	HANGER-RAIL FRONT R	AW-PJT,SECC1,T2.0,COOL-WHITE	1	RD093	
6	DA61-02904B	SUPPORT DOOR POSITION IN	AW-PJT,HIPS,NTR	2	RD086	
7	DA97-04869G	ASSY HANDLE-BAR FRE	AW-PJT,MATURE BLACK,SPRAYÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
7-2	DA64-02068A	HANDLE-BAR FRE	AW-PJT,AL(A6063),MATURE-BLACK	1	RO017	
7-3	DA67-01716A	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),i-BLACK	1		
7-4	DA67-01717A	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),i-BLACK	1		
7	DA97-04869E	ASSY HANDLE-BAR FRE	AW-PJT,Versailles-STS,Versailles-Silver	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
7-2	DA64-02068D	HANDLE-BAR FRE	AW-PJT,AL(A6063),Versailles-STS,SANDING	1	RO017	
7-3	DA67-01716B	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),Versailles-Silver	1		
7-4	DA67-01717B	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),Versailles-Silver	1		
7	DA97-04869H	ASSY HANDLE-BAR FRE	AW-PJT,SNOW WHITE,SPRAYÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
7-2	DA64-02068C	HANDLE-BAR FRE	AW-PJT,AL(A6063),Snow-White	1	RO017	
7-3	DA67-01716C	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),Snow-White	1		
7-4	DA67-01717C	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),Snow-White	1		
7	DA97-04869J	ASSY HANDLE-BAR FRE	AW-PJT,NEW VERSAILLES SILVER,SANDINGÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
7-2	DA64-02068B	HANDLE-BAR FRE	AW-PJT,AL(A6063),Versailles-STS	1	RO017	
7-3	DA67-01716D	CAP-HANDLE L FRE	AW-PJT,ABS,CREAMY-STS,STS-PLATINUM SPRAYÄ	1		
7-4	DA67-01717D	CAP-HANDLE R FRE	AW-PJT,ABS,CREAMY-STS,STS-PLATINUM SPRAY	1		
8	DA61-03762A	SUPPORT-GUARD FRE L	AW-PJT(BEST),HIPS(HG-1760SF),COOL-WHITE(SC-02740R)	1	RI214	
9	DA61-03763A	SUPPORT-GUARD FRE R	AW-PJT(BEST),HIPS(HG-1760SF),COOL-WHITE(SC-02740R)	1	RI216	
10	DA97-04880A	ASSY GUARD FRE	AW-PJT,COOL-WHT	1		
10-1	DA63-03458A	GUARD-FRE	AW-PJT,HIPS(HR1360),COOL-WHITE	1	RD017	
10-2	DA63-03459A	GUARD-FRE FLIP	AW-PJT,HIPS(HR1360),COOL-WHITE	1	RD107	

5-5) Disassembly of Refrigerator DoorLeft



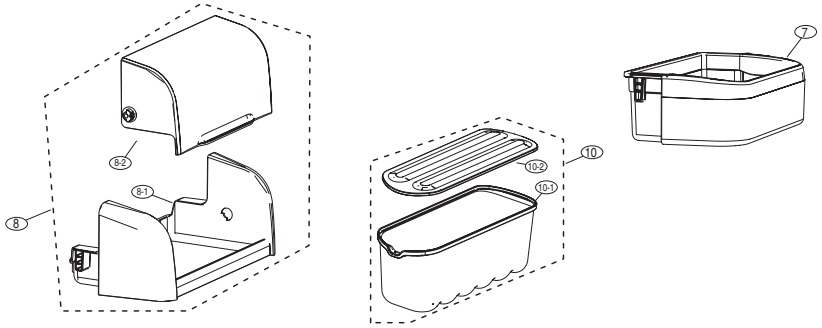
■ Parts List of Refrigerator Door-Left

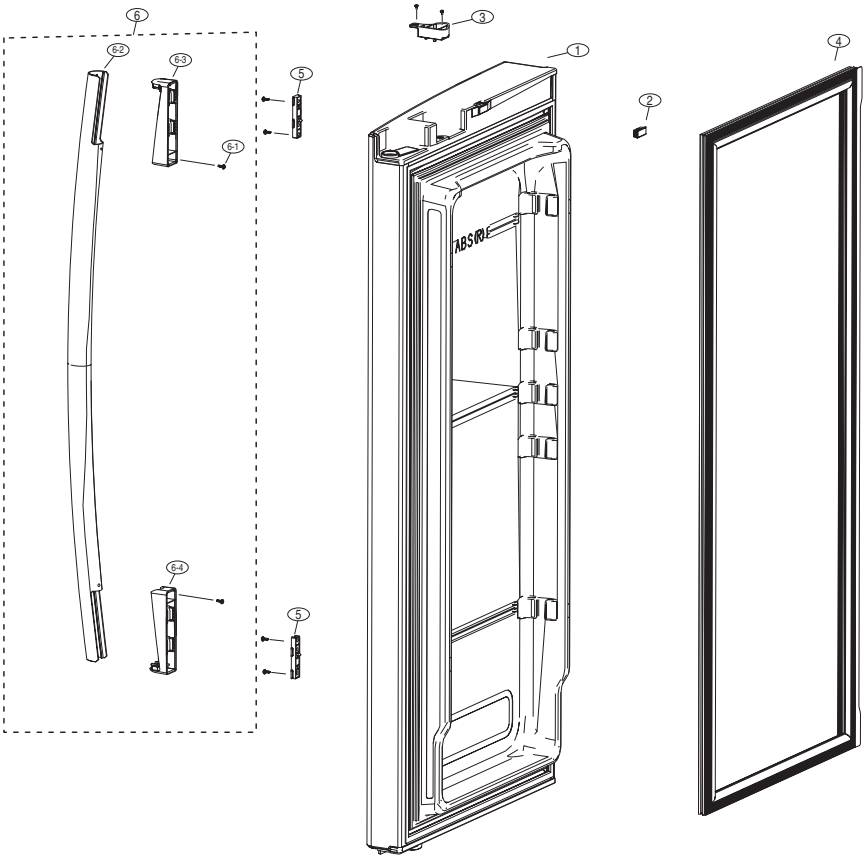
NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02544A	ASSY DOOR FOAM REF-L	AW-PJT,BLACK	1		
1	DA91-02544B	ASSY DOOR FOAM REF L	AW-PJT,REAL-STS	1		
1	DA91-02544C	ASSY DOOR FOAM REF L	AW-PJT,SNOW-WHITE	1		
1	DA91-02544D	ASSY DOOR FOAM REF L	AW-PJT,PLATINUM-STS	1		
2	DA61-02738E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,i-BLACK	1	RE083	
2	DA61-02738F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1	RE083	
2	DA61-02738A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1	RE083	
3	DA66-00442A	CAM AUTO CLOSE L	AW-PJT,Nylon6,i-BLACK	1	RO175	
3	DA66-00442B	CAM AUTO CLOSE L	AW-PJT,Nylon6,Creamy-STS	1	RO175	
3	DA66-00442C	CAM AUTO CLOSE L	AW-PJT,Nylon6,Snow-White	1	RO175	
4	DA97-05253A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,BLACK	1	RE016	
4	DA97-05253B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,GRAY	1	RE016	
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR,	2	RO061	
6	DA97-04417N	ASSY HANDLE-BAR	ATOP 06,MATURE-BLACK,i-BLACK	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063),MATURE-BLACK	1	RO017	
6-3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760),i-BLACK	1	RO106	
6-4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760),i-BLACK	1	RO058	
6	DA97-04417J	ASSY HANDLE-BAR	ATOP06,,Versailles-STS,Versailles-Silver	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979E	HANDLE BAR	ATOP 06,AL(A6063),Versailles-STS	1	RO017	
6-3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Versailles-Silver	1	RO106	
6-4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Versailles-Silver	1	RO058	
6	DA97-04417D	ASSY HANDLE-BAR	ATOP 06,Snow-White	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979D	HANDLE BAR	ATOP 06,AL(A6063),Snow-White	1	RO017	
6-3	DA67-01527D	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Snow-White	1	RO106	
6-4	DA67-01528D	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Snow-White	1	RO058	
6	DA97-04417K	ASSY HANDLE-BAR	ATOP-06,Versailles-STS,Platinum-STS	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979B	HANDLE BAR	ATOP-06,AL(A6063),Versailles-STS	1	RO017	
6-3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Platinum-STS	1	RO106	
6-4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Platinum-STS	1	RO058	
7	DA97-04878C	ASSY GUARD REF	AW-PJT,PP(BJ730),COOL-WHITE(SC02740R)	1		
8	DA97-02806A	ASSY TRAY-EGG	EPEL,T2.5,W324.5,L122.2,H122.5	1	RI158	
8-1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T2.5,W324.5,L122.2,H120	1	RE022	
8-2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T2.5,W319,L116.3,H13	1	RE023	
9	DA97-05021D	ASSY-FRENCH	AW-PJT,ALL-BLACK	1		
9-1	DA47-00245A	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,115V,1322,FRENCH	1	RF118	
9-2	DA61-03207A	PLATE-FRENCH	AW-PJT,SECC1,T0.8,ALL-BLACK	1		
9-3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2	RD098	
9-4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9-5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1	RI234	
9-6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1	RI239	
9-7	DA63-03508A	GASKET-FRENCH	AW-PJT,SILICON,BLACK	2	RO168	
9-8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2	RE090	
9-9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1	RE091	
9-10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9-11	DA81-01346A	PIN-FRENCH SPRING	RDPVC,WHITE	1		
9-12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1	RS047	
9	DA97-05021E	ASSY-FRENCH	AW-PJT,NOBLE-STS	1		
9-1	DA47-00245A	HEATER CORD-FRENCH	AW-PJT,P-CORD,10W,115V,1322,FRENCH	1	RF118	

■ Parts List of Refrigerator Door-Left

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
9-2	DA61-03207B	PLATE-FRENCH	AW-PJT,SECC1,T0.8	1		
9-3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2	RD098	
9-4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9-5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1	RI234	
9-6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1	RI239	
9-7	DA63-03508B	GASKET-FRENCH	AW-PJT,SILICON,GRAY	2	RO168	
9-8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2	RE090	
9-9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1	RE091	
9-10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9-11	DA81-01346A	PIN-FRENCH SPRING	RDPVC,WHITE	1		
9-12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1	RS047	
9	DA97-05021F	ASSY-FRENCH	AW-PJT,Snow-White	1		
9-1	DA47-00245A	HEATER CORD-FRENCH	AW-PJT,PCORD,10W,115V,1322,FRENCH	1	RF118	
9-2	DA61-03207C	PLATE-FRENCH	AW-PJT,SECC1,T0.8,SNOW-WHITE	1		
9-3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2	RD098	
9-4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9-5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1	RI234	
9-6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1	RI239	
9-7	DA63-03508C	GASKET-FRENCH	AW-PJT,SILICON,WHITE	2	RO168	
9-8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2	RE090	
9-9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1	RE091	
9-10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9-11	DA81-01346A	PIN-FRENCH SPRING	RD-PVC,WHITE	1		
9-12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1	RS047	
10	DA67-30218R	CAP-SCREW	PP,SC97527R,SNOW WHITE	2	RO086	
11	DA97-05242A	ASSY-GUARD_REF_DISP	AW-PJT,HIPS+GPPS,-,90.5,339,COOL-WHT,BEST,DISPENSERÄ	1		
12	DA97-05241A	ASSY-GUARD_REF_MID	AW-PJT,HIPS+GPPS,-,99,185,COOL-WHT,BEST,MIDÄ	1		
13	DA97-05353A	ASSY-CAP_CHUTE_ICE	AW-PJT(BEST)	1		
13-1	DA67-01729A	CAP-CHUTE_ICE	AW-PJT,ABS(HG-0760H),COOL-WHT(SC-02740R)	1	RD044	
13-2	DA63-03698A	GASKET-CAP_CHUTE_ICE	AW-PJT(BEST),SILICON,GRAY,HARDNESS:60	1		
14	DA97-05423C	ASSY-COVER_DISPENSER	AW-PJT BEST,STAINLESS-PLATINUM SPRAY(SC-04126S)	1		
15	DA97-05397B	ASSY CASE-ICE ROUTE	AW-PJT,VERSAILLES-SILVER	1		
16	DA63-03695B	TRAY-DISPENSER	AW-PJT,ABS(HG-0760H),CREAMY-STS,SPRAY:VERSAILLES SILVERÄ	1	RO065	

5-6) Disassembly of Refrigerator Door Right





■ Parts List of Refrigerator Door-Right

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02461A	ASSY DOOR FOAM REF R	AW-PJT,Empire-Black,i-BLACK	1		
1	DA91-02461B	ASSY DOOR FOAM REF R	AW-PJT,Versailles STS,Noble-STS	1		
1	DA91-02461C	ASSY DOOR FOAM REF R	AW-PJT,Snow-White	1		
1	DA91-02461D	ASSY DOOR FOAM REF R	AW-PJT,Platinum-STS,Noble-STS	1		
2	DA61-02738E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,i-BLACK	1	RE083	
2	DA61-02738F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1	RE083	
2	DA61-02738A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1	RE083	
3	DA66-00441A	CAM AUTO CLOSE R	AW-PJT,Nylon6,i-BLACK	1	RO176	
3	DA66-00441B	CAM AUTO CLOSE R	AW-PJT,Nylon6,Creamy-STS	1	RO176	
3	DA66-00441C	CAM AUTO CLOSE R	AW-PJT,Nylon6,Snow-White	1	RO176	
4	DA97-05253A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,BLACK	1	RE016	
4	DA97-05253B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,GRAY	1	RE016	
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR	2	RO061	
6	DA97-04417N	ASSY HANDLE-BAR	ATOP 06,AL(6063),L876.2,BLACK	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063),MATURE-BLACK	1	RO017	
6-3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760),i-BLACK	1	RO106	
6-4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760),i-BLACK	1	RO058	
6	DA97-04417J	ASSY HANDLE-BAR	ATOP06,,Versailles-STS,Versailles-Silver	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979E	HANDLE BAR	ATOP 06,AL(A6063),Versailles-STS	1	RO017	
6-3	DA67-01527H	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Versailles-Silver	1	RO106	
6-4	DA67-01528H	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Versailles-Silver	1	RO058	
6	DA97-04417D	ASSY HANDLE-BAR	ATOP 06,Snow-White	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979D	HANDLE BAR	ATOP 06,AL(A6063),Snow-White	1	RO017	
6-3	DA67-01527D	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Snow-White	1	RO106	
6-4	DA67-01528D	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Snow-White	1	RO058	
6	DA97-04417K	ASSY HANDLE-BAR	ATOP-06,Versailles-STS,Platinum-STS	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2	RS080	
6-2	DA64-01979B	HANDLE BAR	ATOP-06,AL(A6063),Versailles-STS	1	RO017	
6-3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Platinum-STS	1	RO106	
6-4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Platinum-STS	1	RO058	
7	DA97-04878D	ASSY GUARD REF	AW-PJT	1		
8	DA97-04881B	ASSY GUARD-DAIRY	AW-PJT,COOL-WHT	1	RE028	
8-1	DA63-03455A	GUARD-DAIRY	AW-PJT,HIPS(HR1360),COOL-WHITE	1	RE025	
8-2	DA63-03462A	COVER-GUARD DAIRY	AW-PJT,GPPS(HF2660)	1	RE034	
10	DA97-02806A	ASSY TRAY-EGG	EPEL,T2.5,W324.5,L122.2,H122.5	1	RI158	
10-1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T2.5,W324.5,L122.2,H120	1	RE022	
10-2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T2.5,W319,L116.3,H13	1	RE023	

RF26DB

5-1) FREEZER 105

5-2) REFRIGERATOR 108

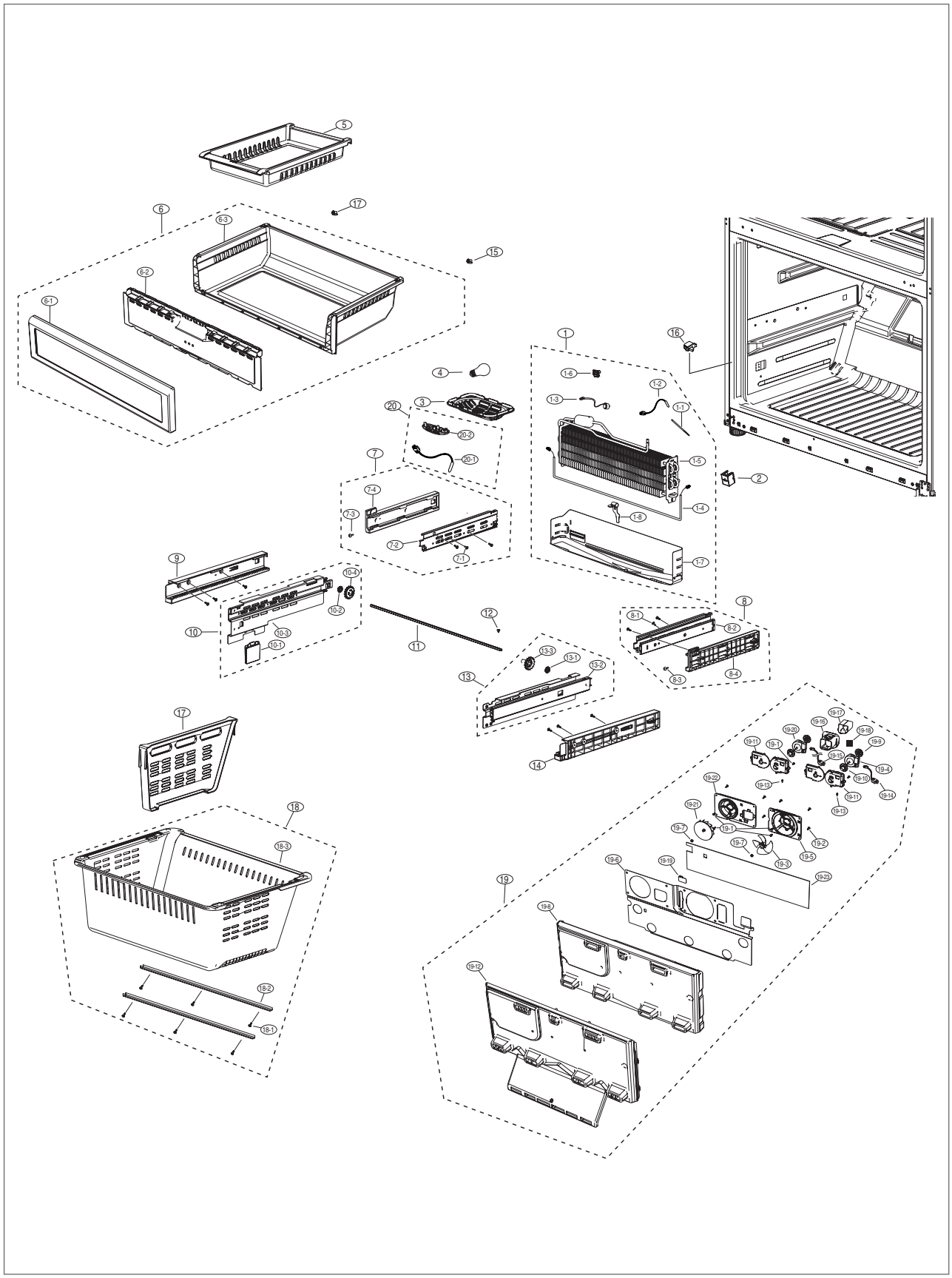
5-3) CABINET 112

5-4) DISASSEMBLY OF FREEZE DOOR 116

5-5) DISASSEMBLY OF REFRIGERATOR DOOR LEFT 118

5-6) DISASSEMBLY OF REFRIGERATOR DOOR RIGHT 121

5-1) Freezer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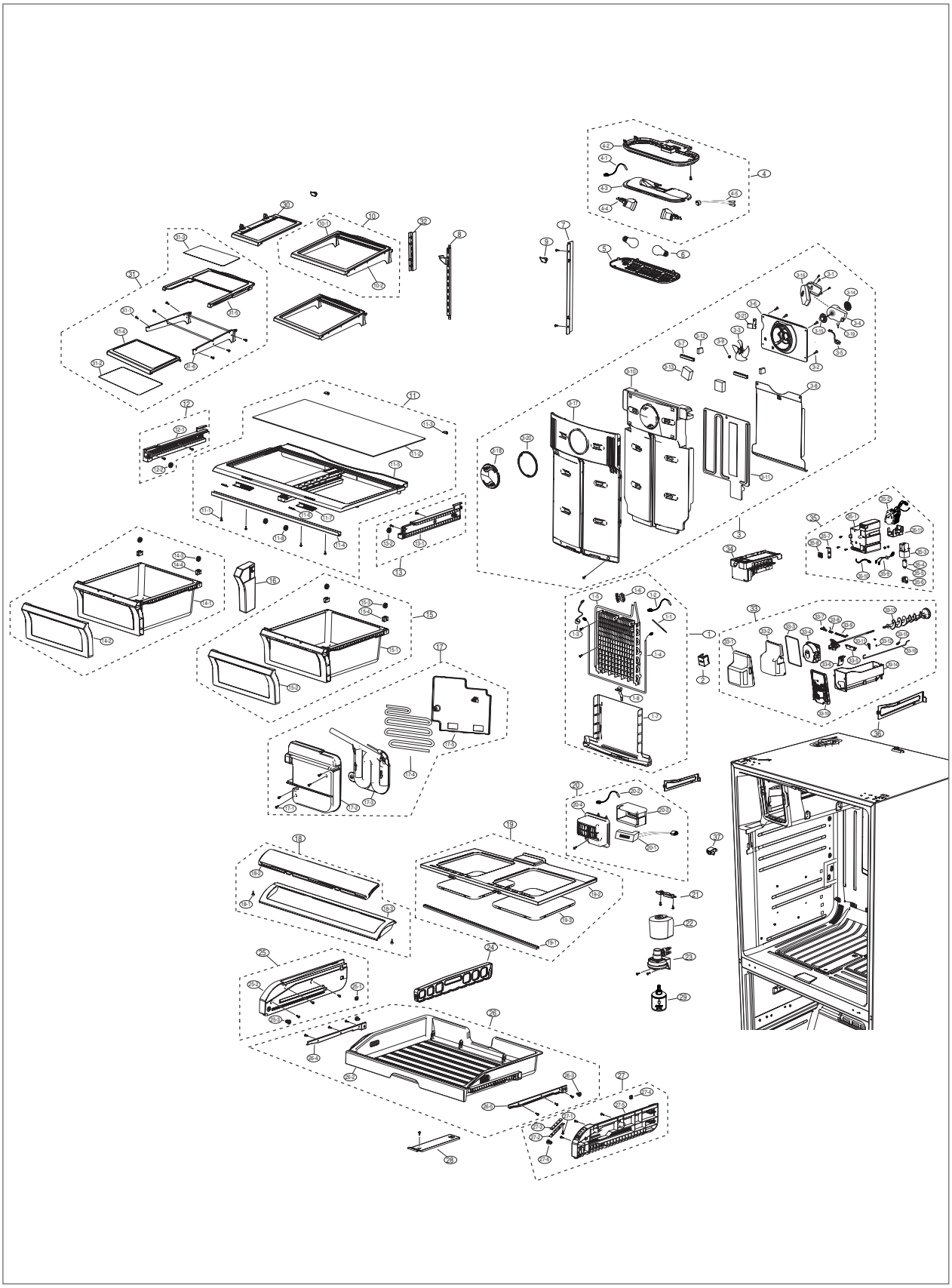
■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA96-00399D	ASSY EVAP-FRE ICE	AW-PJT,230/240W	1		
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	3		
1-2	DA32-00027B	SENSOR ASSY	502AT,AW-PJT,-40~110℃,5V,R-DEF-SENSOR,YEL,400MM	1		
1-3	DA47-00243R	THERMO BIMETAL-PROTECTOR	AW-PJT(F),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60℃,40℃,100M	1		
1-4	DA47-00244G	HEATER-METAL SHEATH	230V 240W, add another Bimetal	1		
1-5	DA59-00361A	EVAP FRE,ICE	PIN,115V,AW-PJT	1		
1-6	DA61-02901A	FIXER-SENSOR EVAP	CORE-PJT,PP,NTR	1		
1-7	DA61-03187B	PLATE-DRAIN FRE	AW-PJT,GALVANUME,T0.3	1		
1-8	DA61-03644A	PLATE-EVAP HEATER	AL,T0.7	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT,GALVALUM,T0.3	1		
3	DA63-03420A	COVER-LAMP FRE	AW,GPPS,NTR	1		
4	4713-001201	LAMP INCANDESCENT	230V 40W	1		
5	DA63-03696A	TRAY-FREE UPP SUB	AW-PJT,SAN	1		
6	DA97-05354A	ASSY TRAY-FRE UPP	AW-PJT	1		
6-1	DA63-03435A	COVER-TRAY FRE UPP A	AW-PJT,HIPS,COOL WHITE	1		
6-2	DA63-03436A	COVER-TRAY FRE UPP B	AW-PJT,GPPS	1		
6-3	DA63-03697A	TRAY-FRE UPP	AW-PJT,HIPS,COOL WHITE	1		
7	DA97-04834B	ASSY RAIL-SLIDE UPP L	AW-PJT	1		
7-1	6002-000458	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	1		
7-2	DA61-03334A	RAIL-SLIDE UPP L	AW-PJT,STS430	1		
7-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1		
7-4	DA63-03416A	COVER-RAIL UPP L	AW,HIPS,COOL WHITE	1		
8	DA97-04833B	ASSY RAIL-SLIDE UPP R	AW-PJT	1		
8-1	6002-000458	SCREW-TAPPING	FH,+,1,M4,L14,ZPC(WHT),SWRCH18A	1		
8-2	DA61-03159A	RAIL-SLIDE UPP R	AW-PJT,STS430	1		
8-3	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	1		
8-4	DA63-03417A	COVER-RAIL UPP R	AW-PJT,HIPS,COOL WHITE,	1		
9	DA63-03414A	COVER-RAIL LOW L	AW-PJT,ABS,COOL WHITE	1		
10	DA97-04836A	ASSY RAIL-SLIDE LOW L	AW-PJT	1		
10-1	DA34-00047A	SWITCH PRESSURE	AW-PJT,HIPS,COOL WHITE	1		
10-2	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1		
10-3	DA61-03158A	RAIL-SLIDE LOW L	AW-PJT,STS430	1		
10-4	DA66-00436A	GEAR-L	AW-PJT,POM,NTR	1		
11	DA66-00437A	SHAFT-GEAR	AW-PJT,SM25C	1		
12	DA67-00859C	CAP-DOOR HANDLE	CORE,POM,-,-,-,INOX,SC-06034R	1		
13	DA97-04835A	ASSY RAIL-SLIDE LOW R	AW-PJT	1		
13-1	DA61-03154A	FIXER-GEAR	AW-PJT,POM,NTR	1		
13-2	DA61-03333A	RAIL-SLIDE LOW R	AW-PJT,STS430	1		
13-3	DA66-00435A	GEAR-R	AW-PJT,POM,NTR	1		
14	DA63-03415A	COVER-RAIL LOW R	AW-PJT,ABS,COOL WHITE	1		
15	DA61-03190A	FIXER-TRAY FRE UPP	AW-PJT,PP,NTR	2		
16	DA34-10120E	SWITCH DOOR-F	slide,250V,0.5A,cool white	1		
17	DA61-03416A	GUIDE-DRAWER BOX	AW-PJT,HIPS,COOL WHITE	1		
18	DA97-04848A	ASSY TRAY-DRAWER BOX	AW-PJT	1		
18-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6		
18-2	DA61-03160A	REINF-DRAWER BOX	AW-PJT,SECC1,T3.0,COOL WHITE	2		
18-3	DA63-03418A	TRAY-DRAWER BOX	AW-PJT,PP,COOL WHITE	1		
19	DA97-05343C	ASSY COVER-EVAP FRE ICE	AW-PJT,230V	1		
19-1	6002-000213	SCREW TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6		
19-2	6002-000215	SCREW TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	8		
19-3	DA31-00124A	FAN AX100W4CC T1	FAN-AX100W4CC-T1	1		
19-4	DA31-00146C	MOTOR DC BLDC	DC12V,150mA,2.1W	1		

■ Parts List of Freezer

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
19-5	DA61-03183A	CASE MOTOR FRE	AW-PJT,BUBBLE PP	1		
19-6	DA61-03618A	PLATE INS EVAP FRE ICE	GALVALUME,T0.3	1		
19-7	DA61-20128A	SPRING ETC FAN	STS304,PI7.8,-,OD1.0	2		
19-8	DA62-01527A	INSULATION COVER EVAP FRE ICE	FOAM-PS	1		
19-9	DA63-01146A	GORMMET MOTOR REAR	NBR,-,-,-,ID6.5,OD42	2		
19-10	DA63-01808A	GORMMET MOTOR FRONT	NBR,BLACK	2		
19-11	DA63-01809A	COVER MOTOR BLDC	PP,NTR	2		
19-12	DA63-03740A	COVER EVAP FRE ICE	PP(BJ-730)	1		
19-13	DA63-40167A	GROMMET COVER CHIL	SILICON	2		
19-14	DA96-00042J	WIRE HARNESS MOTOR	R-Fan/ F-Fan	1		
19-15	DA96-00042H	WIRE HARNESS MOTOR ICE	Ice-room Fan	1		
19-16	DA67-01774A	DUCT ICE SUB	PP(BJ-730)	1		
19-17	DA61-03724A	PLATE DRAIN ICE	GALVALUME,T0.3	1		
19-18	DA47-00261B	HEATER DUCT FRE	230V 4W	1		
19-19	DA61-03627A	PLATE DRAIN FAN	AL,T0.8	1		
19-20	DA31-00146E	MOTOR FAN BLDC	DREP5020LB	1		
19-21	DA31-00123A	FAN BACKWARD	ABS(HP-0760)	1		
19-22	DA61-03617A	CASE MOTOR FRE ICE	PP(BJ-730),WHITE	1		
19-23	DA62-01526A	SEAL COVER EVAP FRE	FOAM-PE+AL,-,T2,W147,L640	1		
20	DA97-02019B	ASSY-COVER SONSOR		1		
20-1	DA63-10467B	COVER-SONSOR	HIPS,SC-02740R,COOL WHITE	1		
20-2	DA32-00011U	SENSOR TEMP	PX-41C,AW-PJT,-40~110℃,5V	1		

5-2) Refrigerator



■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA96-00365F	ASSY EVAP-REF	AW-PJT,PIN,230V,120W	1		
1-1	6501-000123	CABLE TIE	DACT140,W3.6,L146,NTR,NYLON66	4		
1-2	DA32-00027B	SENSOR ASSY	PX41C,502AT,AW-PJT,40~110,5V,RDEF SENSOR,YEL,400MM	1		
1-3	DA47-00243S	THERMO BIMETAL-PROTECTOR	AW-PJT(R),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60?,40?,100MΩ	1		
1-4	DA47-00244H	HEATER-METAL SHEATH	230V 120W, add another Bimetal	1		
1-5	DA59-00357B	EVAP REF	AW-PJT	1		
1-6	DA61-03683A	FIXER-SENSOR	ATOP,EVAP,PP,NTR,ALL	1		
1-7	DA61-03188A	PLATE-DRAIN REF	AW-PJT,GALVANUME,T0.4,	1		
1-8	DA61-03644A	PLATE-EVAP HEATER	AL,T0.7	1		
2	DA63-02902B	COVER-FIXER HOUSING,V	NEXT,GALVALUM,T0.3	1		
3	DA97-04939G	ASSY COVER-EVAP REF	AW-PJT(BEST)	1		
3-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	3		
3-2	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	4		
3-3	DA31-00124A	FAN-AX100W4CC-T1	TD-PJT,ABS	1		
3-4	DA31-00146C	MOTOR BLDC	2950,DC12V,150mA,2.1W,MOTORBLDC	1		
3-5	DA96-00042J	WIRE HARNESS-MOTOR	ATOP,351510410,N00909204,BLDC,R,FFAN	1		
3-6	DA61-03181A	CASE-MOTOR REF	AW-PJT,BUBBLE PP,NTR	1		
3-7	DA61-03182A	GUIDE-INS EVAP REF	AW-PJT,ABS,NTR	2		
3-8	DA61-03186A	PLATE-INS EVAP REF	AW-PJT,GALVANUME,T0.4	1		
3-9	DA61-20128A	SPRING ETC-FAN	STS304,PI7.8,OD1.0,FD	1		
3-10	DA62-01381A	INSULATION-EVAP REF	AW-PJT,FOAMPS	1		
3-11	DA62-01382A	INSULATION-EVAP REAR	AW-PJT,FOAMPS	1		
3-12	DA62-01383A	INSULATION-EVAP SUB	AW-PJT,FOAMPS	2		
3-13	DA62-01423A	INSULATION-EVAP DUCT	AW-PJT,FOAMPS,T20,W44.5,L45	2		
3-14	DA63-01146A	GROMMET-MOTOR,REAR	ATOP,NBR,ID6.5,OD42,BLK,BLDC	1		
3-15	DA63-01808A	GROMMET-MOTOR,FRONT	BLDC,NBR,BLACK,H20	1		
3-16	DA63-01809A	COVER MOTOR-BLDC	BLDCNEW,PP,NTR,BJ730	1		
3-17	DA63-03430A	COVER-EVAP REF	AW-PJT,HIPS	1		
3-18	DA63-03517A	COVER-EVAP REF SUB	AW-PJT,HIPS(HG1760SF),COOL-WHT	1		
3-19	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1		
3-20	DA64-02065A	TRIM-COVER EVAP REF	AW-PJT,ABS,COOL-WHITE	1		
3-21	DA61-03599A	PLATE-HOUSING REF	GALVALUME,T0.3	1		
4	DA97-04842D	ASSY CASE LAMP-REF	AW-PJT	1		
4-1	DA32-00006T	SENSOR TEMP-R	PX-41C, 502AT,AW-PJT,-40~1	1		
4-2	DA61-03163A	CASE-LAMP REF	AW,HIPS,COOL WHITE	1		
4-3	DA61-03169A	PLATE LAMP REF	AW,SBHG1,T0.4	1		
4-4	DA47-40001C	LAMP HOLDER ASSY	E26,1A,PBT(5VA),UL SPEC	2		
4-5	DA47-00243D	THERMO BIMETAL PROTECTOR	AW-PJT(R-Lamp),BT-121-M, PW-5M1N,125 / 250V,10 / 5A,60°…,40°…,100MßŸ	1		
5	DA63-03773A	COVER-LAMP REF	AW,PC,CRYSTAL	1		
6	4713-001232	LAMP INCANDESCENT	240V 60W	2		
7	DA61-03180A	ANGLE-SHELF REF SIDE	AW,SECC1,T2.0,COOL-WHITE	1		
8	DA97-05545A	ASSY ANGLE SHELF REF	AW,SECC1,T2.0,COOL-WHITE	1		
9	DA67-01688A	CAP-ANGLE	AW-PJT,HIPS,COOL-WHITE	1		
10	DA97-04896A	ASSY SHELF GLASS REF SLIDE		2		
10-1	DA67-01607A	SHELF GLASS REF SLIDE	PP+GLASS,COOL WHITE	1		
10-2	DA97-04870A	ASSY SHELF HANGER SLIDE		1		
11	DA97-05382A	ASSY COVER-VEG	AW-PJT	1		
11-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	4		
11-2	DA01-00400B	GLASS-COVER VEG	756*343,T3.2,1° PRINT	1		
11-3	DA61-03166A	FIXER-COVER VEG	AW,HIPS,COOL-WHITE	2		
11-4	DA61-03173A	REINF-COVER VEG	AW-PJT,SHP1,T2.9,BLACK	1		
11-5	DA63-03761A	COVER-VEG REF	AW,HIPS,COOL-WHITE	1		

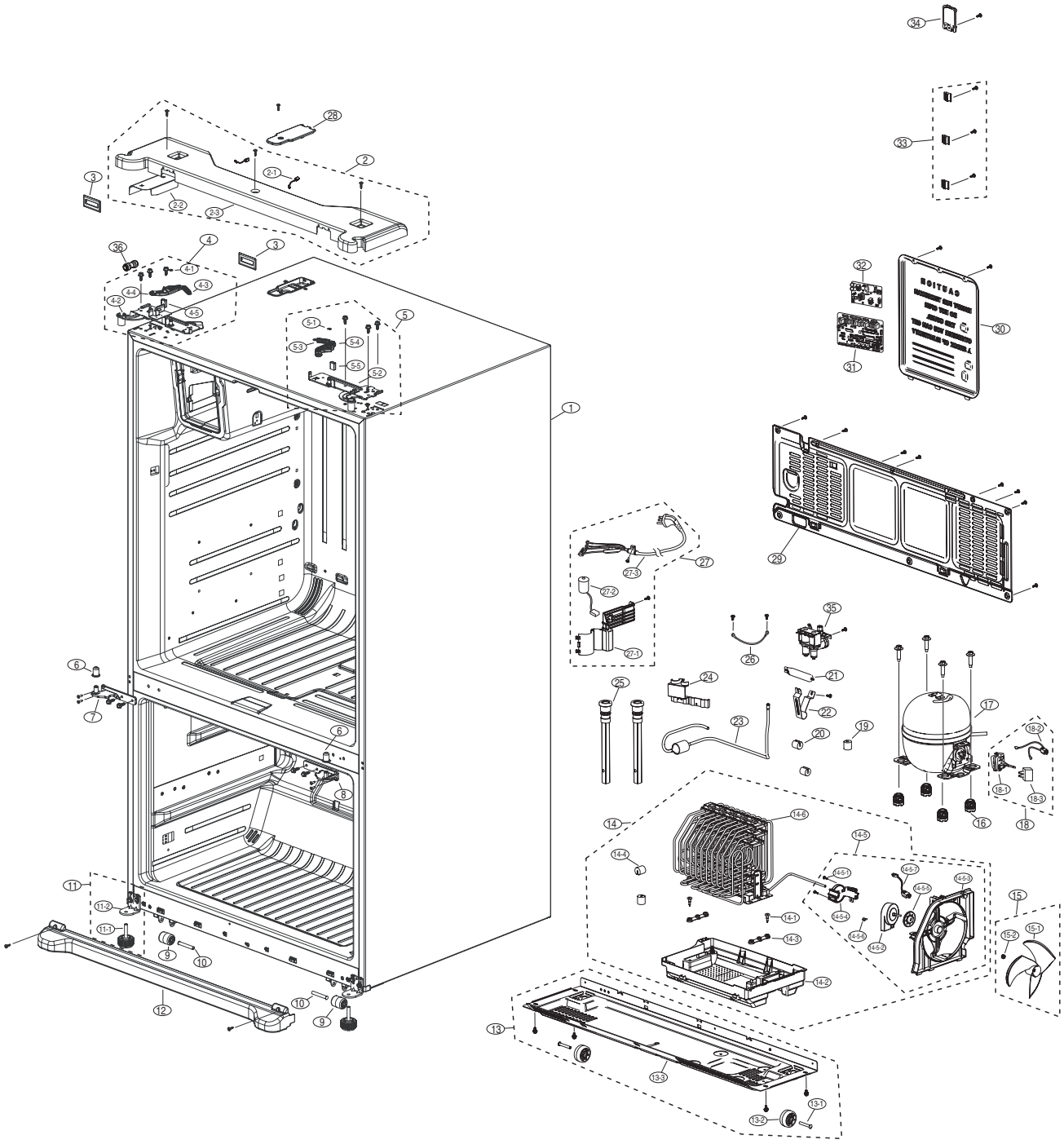
■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
11-6	DA64-00817A	KNOB-HUMIDITY	QUEEN,ABS	2		
11-7	DA66-00438A	LEVER-HUMIDITY	AW,HIPS,COOL-WHITE	2		
11-8	DA66-10104A	ROLLER-FRE	POM,D22	2		
12	DA97-04839A	ASSY RAIL-VEG L	AW-PJT	1		
12-1	DA61-03172A	RAIL-VEG L	AW,HIPS,COOL-WHITE	1		
12-2	DA66-10104A	ROLLER-FRE	POM,D22	1		
13	DA97-04840A	ASSY RAIL-VEG R	AW-PJT	1		
13-1	DA61-03177A	RAIL-VEG R	AW,HIPS,COOL-WHITE	1		
13-2	DA66-10104A	ROLLER-FRE	POM,D22	1		
14	DA97-04846A	ASSY CASE-VEG REF	AW-PJT	1		
14-1	DA61-03165A	CASE-VEG REF	AW,SAN,NTR	1		
14-2	DA63-03426A	COVER-VEG FRONT	AW,HIPS,COOL-WHITE	1		
14-3	DA66-10104A	ROLLER-FRE	POM,D22	2		
14-4	DA71-20145A	FIXER-ROLLER	PA	2		
15	DA97-05381A	ASSY CASE-VEG REF R		1		
15-1	DA61-03652A	CASE VEG REF R	SAN,NTR	1		
15-2	DA63-03760A	COVER VEG FRONT R	HIPS,COOL WHITE	1		
15-3	DA66-10104A	ROLLER FRE	POM	2		
15-4	DA71-20145A	FIXER ROLLER	PA	2		
16	DA97-05465A	ASSY-PARTITION VEG		1		
17	DA97-05033D	ASSY-COVER WATER TANK	AW-PJT	1		
17-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	2		
17-2	DA63-03449A	COVER-TANK WATER	AW-PJT,PP,COOL-WHITE	1		
17-3	DA97-02650G	ASSY TANK WATER		1		
17-4	DA63-03843A	COVER HEATER WATER TANK	PP(BJ-730)	1		
17-5	DA47-00264A	HEATER WATER TANK	3W,DC 12V,48.0•ÿ	1		
18	DA97-05383C	ASSY COVER-SLIDE PANTRY	AW-PJT BEST	1		
18-1	DA63-40167A	GROMMET-COVER SLIDE	T3.0,SILICON,NTR	2		
18-2	DA63-03764A	COVER-SLIDE PANTRY A	AW,GPPS,NTR	1		
18-3	DA63-03765A	COVER-SLIDE PANTRY B	AW,HIPS,COOL WHITE	1		
19	DA97-05370A	ASSY SHELF-PANTRY	AW-PJT	1		
19-1	DA61-03174A	REINF-SHELF PANTRY	AW-PJT,SECC1,T1.2,COOL WHITE	1		
19-2	DA67-01781A	SHELF-PANTRY	HIPS,COOL WHITE	1		
19-3	DA64-02235A	WINDOW SHELF PANTRY	GPPS,NTR	2		
20	DA97-04856B	ASSY COVER-MOTOR DAMPER	AW-PJT	1		
20-1	DA31-00071C	DAMPER MOTOR	DC12V,600mA,BBC-PJT	1		
20-2	DA32-00006R	SENSOR TEMP-PANTRY	PX-41C,502AT,AW-PJT	1		
20-3	DA62-01380A	INSULATION-MOTOR DC DAMPER	AW-PJT,FOAMPS,NTR	1		
20-4	DA63-03419A	COVER-MOTOR DC DAMPER	AW-PJT,PP,COOL WHITE	1		
21	DA61-03202A	GUIDE-FRENCH	AW-PJT,POM,COOL-WHITE(SC02740R)	1		
22	DA63-03685B	COVER-WATER FILTER	AW-PJT,HIPS,COOL-WHITE	1		
23	DA97-01666Y	ASSY CASE-FILTER	AW-PJT	1		
24	DA61-03167A	GUIDE-PANTRY	AW,PP,COOL-WHITE	1		
25	DA97-05371B	ASSY COVER-RAIL PANTRY L	AW-PJT(BEST,GE)	1		
25-1	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	1		
25-2	DA63-03762A	COVER-RAIL PANTRY L	AW,HIPS,COOL-WHITE	1		
25-3	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1		
26	DA97-04847D	ASSY CASE-PANTRY	AW-PJT,COOL WHITE,ROLLER(Ni-Zn)	1		
26-1	6002-000213	SCREW-TAPPING	TH,+,1,M4,L12,ZPC(WHT),SWRCH18A	6		
26-2	DA61-03164A	CASE-PANTRY	AW,HIPS,COOL-WHITE	1		
26-3	DA97-05296B	ASSY ROLLER A	AW-PJT,Ni-Zn	2		
26-4	DA97-04837A	ASSY RAIL-PANTRY L	AW-PJT	1		

■ Parts List of Refrigerator

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
26-5	DA97-04838A	ASSY RAIL-PANTRY R	AW-PJT	1		
27	DA97-05384C	ASSY COVER-RAIL PANTRY R	AW-PJT(BEST)	1		
27-1	6002-000630	SCREW-TAPPING	PH,+,2S,M3,L8,ZPC(WHT),SWRCH18A	1		
27-2	DA41-00423C	PBA PANEL-PANTRY		1		
27-3	DA64-02246C	INLAY-CONTROL PANEL	AW BEST,PC	1		
27-4	DA61-03176A	SUPPORT-ROLLER PANTRY	AW-PJT,NBR,NTR	1		
27-5	DA63-03763A	COVER-RAIL PANTRY R	AW,HIPS,COOL-WHITE	1		
27-6	DA97-05297B	ASSY ROLLER B	AW-PJT,Ni-Zn	1		
28	DA61-03175A	SUPPORT-PANTRY	AW,PP,COOL-WHITE	1		
29	DA29-00003B	FILTER WATER-ASSY	ATOP,86*86*167,NSF53	1		
30	DA97-05240A	ASSY SHELF REF FOLD		1		
31	DA97-05359A	ASSY SHELF QUICK SPACE		1		
31-1	6002-001397	SCREW TAPPING		6		
31-2	DA01-00422A	GLASS SHELF QUICK SPACE A	W361.5,L206.5,T3.2	1		
31-3	DA01-00428A	GLASS SHELF QUICK SPACE B	W340,L207,T3.2	1		
31-4	DA67-01778A	SHELF QUICK SPACE A	ABS(HG-0760)	1		
31-5	DA67-01779A	SHELF QUICK SPACE B	ABS(HG-0760	1		
31-6	DA91-02545A	ASSY HANGER QUICK SPACE		1		
32	DA61-03591A	ANGLE-SHELF REF SIDE L		1		
33	DA97-05239A	ASSY-TRAY ICE BUCKET		1		
33-1	DA63-03687A	COVER-ICE BUCKET A	AW-PJT,HIPS,T2.5,-,-,-,-,WHT,187*266*120	1		
33-2	DA62-01475A	INSULATION-COVER ICE BUCKET	AW-PJT,EPS,40,182,261,WHT,-,-,-	1		
33-3	DA63-03737A	GASKET-COVER ICE BUCKET	AW-PJT,SILICONE,1.0,-,730,GRAY,-,OD5.0	1		
33-4	DA63-03686A	COVER-CRUSHER	AW-PJT,HIPS,T3,-,-,-,-,WHT,140*140*55	1		
33-5	DA62-01569A	INSULATION-COVER ICE BUCKET-SUB	AW-PJT,EPS,20,30,115,WHT,-,-,-	1		
33-6	DA61-03505A	GUIDE-CRUSHER	AW-PJT,HIPS,T3,-,-,WHT,48*96*60	1		
33-7	DA66-00476A	LEVER-ICE BUCKET B	AW-PJT,ABS,13,40,67,-,WHT,-	1		
33-8	DA61-03506A	SPRING ETC-COVER BUCKET	AW-PJT,STS304,?1.2,ID 9.6,OD12,-,-,25,-,-,-	1		
33-9	DA66-00477A	LEVER-ICE BUCKET C	AW-PJT,ABS,13,40,115,-,WHT,-	1		
33-10	DA63-03688A	COVER-ICE BUCKET B	AW-PJT,HIPS,T2,-,-,-,-,WHT,181*266*40	1		
33-11	DA66-00475A	LEVER-ICE BUCKET A	AW-PJT,ABS,T2.0,-,-,-,WHT,15*50*11	1		
33-12	DA67-01719A	CAP-LEVER ICE BUCKET	AW-PJT,ABS,T1.0,-,-,WHT,?9.8*6	1		
33-13	DA65-00046A	CLAMPER CORE-HELIX	AW-PJT,POM,-,?80,L440,WHT,INSERT : CLAMPER CORE	1		
33-14	DA63-03689A	TRAY-ICE BUCKET	AW-PJT,ABS,T2.5,-,-,-,WHT,138*165*410	1		
33-15	DA61-20124D	SPRING ETC-DISPENSER	AW-BEST-GE-OEM,STS304,0.9,9	1		
33-16	DA66-00478A	LEVER-CUBE	AW-PJT,MSWR10,?4.5,-,L550,-,-,-	1		
34	DA97-05422B	ASSY ICE MAKER	AW-PJT,220V,50Hz	1		
35	DA97-05246B	ASSY-CASE AUGER MOTOR	AW-PJT,220~240V	1		
35-1	DA61-03517A	CASE-AUGER MOTOR	AW-PJT,HIPS(HR-1360),-,-,-,COOL-WHT(SC-02740R),-	1		
35-2	DA31-00105F	MOTOR GEARED-AUGER	220~240V	1		
35-3	DA74-40151F	VALVE-SOLENOID	220~240V	1		
35-4	DA63-90008A	BUSH-SOLENOID	-,POM,-,-,-,SC-93438R,-	1		
35-5	DA66-90003A	GEAR-SOLENOID	POM,-,-,-,-,SC-93438R	1		
35-6	DA61-60001A	SLIDER-SOLENOID DISP	-,POM,-,-,-,-,-	1		
35-7	DA61-01659B	PLATE-DRIVE AUGER	NEXT-PJT,STS304,T2.5,-,-,-,-	1		
35-8	DA71-00163A	FIXER-NUT	ZIPEL,STS420,T1,-,CLIP,STS420-J2	1		
35-9	DA96-00036N	ASSY-WIRE HARNESS SUB(EM)	AW-PJT,W/H EJECT MOTOR	1		
35-10	DA32-00011U	SENSOR TEMP	PX-41C,AW-PJT,-40~110?,5V,-,-,F-SENSOR,YEL,100MM	1		
35-11	DA63-02012B	COVER-MOTOR AUGER SUB	A-TOP,ABS°√°¡ø¨ NTR,-,-,-,-,-,NTR,-	1		
36	DA63-03691A	COVER HARNESS ICE ROOM	HIPS(HR-1360)	1		
37	DA34-00033B	SWITCH DOOR	SLIDE,250V/125V	1		

5-3) Cabinet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■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA90-03870A	ASSY CABINET FORM	AW-PJT,BLACK	1		
1	DA90-03870B	ASSY CABINET FORM	AW-PJT,REAL-STS	1		
1	DA90-03870C	ASSY CABINET FORM	AW-PJT,SNOW-WHITE	1		
1	DA90-03870D	ASSY CABINET FORM	AW-PJT,PLATINUM-STS	1		
2	DA97-05390A	ASSY-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2		
2-2	DA61-04051A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,65.5,107,-,AW-BEST	1		
2-3	DA64-02256A	TOP TABLE	AW-PJT,ABS(VH0815),I-BLACK(SC-00477R)	1		
2	DA97-05390B	ASSY-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2		
2-2	DA61-03678A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1		
2-3	DA64-02256B	TOP TABLE	AW-PJT,ABS(VH0815),Creamy STS(SC-07009R)	1		
2	DA97-05390C	ASSY-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	1		
2-1	DA34-00043B	SWITCH REED-ASS'Y	200VDC,1.5A,	2		
2-2	DA61-03678A	PLATE-TOP TABLE	AW-PJT,SBHG1,T0.3,	1		
2-3	DA64-02256C	TOP TABLE	AW-PJT,ABS(VH0815),Snow-White(SC-97527R)	1		
3	DA67-01613A	CAP-TOP TABLE	AW-PJT,ABS,I-BLACK(SC-00477R)	2		
3	DA67-01613B	CAP-TOP TABLE	AW-PJT,ABS,Creamy STS(SC-07009R)	2		
3	DA67-01613C	CAP-TOP TABLE	AW-PJT,ABS,Snow-White(SC-97527R)	2		
4	DA97-04874D	ASSY HINGE UPP-L	AW-PJT,T2.9,BLACK	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
4-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
4	DA97-04874E	ASSY HINGE UPP-L	AW-PJT,T2.9,Creamy-STS	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
4-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
4	DA97-04874F	ASSY HINGE UPP-L	AW-PJT,T2.9,Snow-White	1		
4-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
4-2	DA61-03239A	HINGE-UPP L	AW-PJT,SHP1,T2.9,	1		
4-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
4-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1		
4-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		
4-6	DA61-03677A	FIXER WATER PIPE HINGE		1		
5	DA97-04875A	ASSY HINGE UPP-R	AW-PJT,T2.9,i-BLACK	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903A	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,i-BLACK	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		
5	DA97-04875B	ASSY HINGE UPP-R	AW-PJT,T2.9,Creamy-STS	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903B	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Creamy-STS	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		

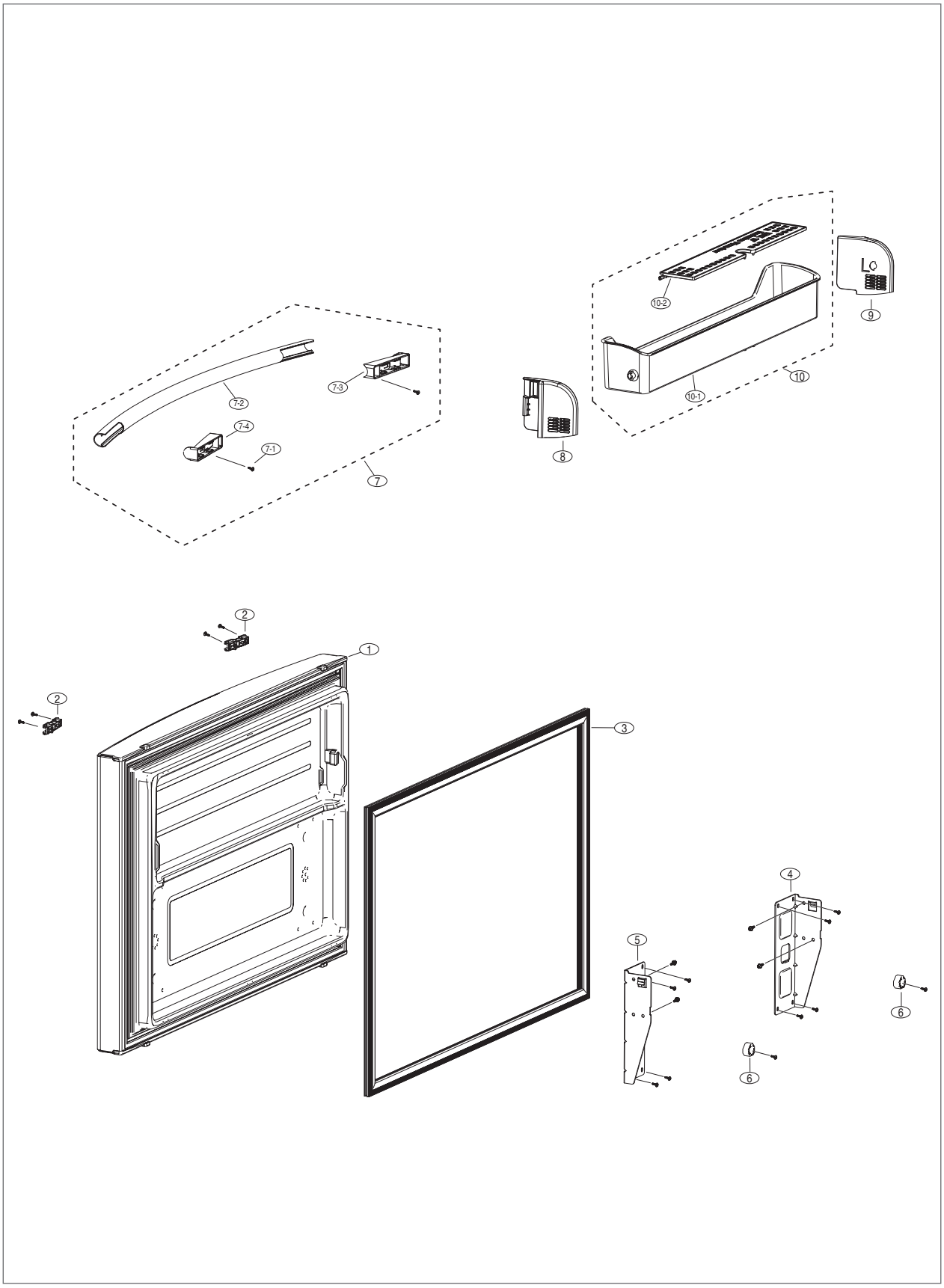
■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
5	DA97-04875C	ASSY HINGE UPP-R	AW-PJT,T2.9,Snow-White	1		
5-1	DA60-00162A	FASTENER-RING	AW-PJT,STS304,ID5,T0.5,OD11,BLACK,	1		
5-2	DA61-03240A	HINGE-UPP R	AW-PJT,SHP1,T2.9,	1		
5-3	DA61-03301A	SPRING ETC-AUTO CLOSE	AW-PJT,STS604,1.4,9.2,12,24,	1		
5-4	DA97-04903C	ASSY LEVER-AUTO CLOSE	AW-PJT,POM,Snow-White	1		
5-5	DA63-03673A	GROMMET-LEVER	AW-PJT,NBR,-,-,-,-,-,BLACK	1		
6	DA63-02905A	GROMMET HINGE-MID,R	NEXT,POM,T2.0,WHITE,	2		
7	DA97-04876B	ASSY HINGE MID-L	AW-PJT,T4.5,Ni-Cr	1		
8	DA97-04877B	ASSY HINGE MID-R	AW-PJT,T4.5,Ni-Cr	1		
9	DA61-40115B	CASTER-FRONT	SR-50,PP	1		
10	DA61-01920A	CASTER-RIVET	(ZPC2),MSWR10,OD8.0,L54	1		
11	DA97-05016A	ASSY-SUPPORT FOOT FRONT	AW-PJT	2		
11-1	DA61-00805C	FOOT-FRONT	AW-PJT,PP	1		
11-2	DA61-03217A	SUPPORT-FOOT FRONT	AW-PJT,SHP1,T4.0,BLACK	1		
12	DA63-03434A	COVER-LEG FRONT	AW-PJT,PP,i-BLACK	1		
12	DA63-03434B	COVER-LEG FRONT	AW-PJT,PP,Creamy-STS	1		
12	DA63-03434C	COVER-LEG FRONT	AW-PJT,PP,Snow-White	1		
13	DA97-02064B	ASSY CHASSIS-COMP	AD,NEXT,SBHG1,T1.4,	1		
13-1	DA60-90146A	PIN-CASTER	MSWR10,OD6.0,L40,ZPC2,SR2894	2		
13-2	DA61-40126B	CASTER-REAR	REFALL,PP,PI 44,NTR,W22,	2		
13-3	DA64-01170A	CHASSIS COMP	AD,SBHG1,T1.4,	1		
14	DA97-05043B	ASSY TRAY-DRAIN WATER	AW-PJT,	1		
14-1	6009-001252	SCREW-SPECIAL	PH,+,M4.0,L20(12),ZPC(WHT),SWRCH18A	2		
14-2	DA63-03450A	TRAY-DRAIN WATER	AW-PJT,PP,NTR,	1		
14-3	DA63-40128A	GROMMET-SUB COND	,NBR,DARKGRAY	2		
14-4	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	2		
14-5	DA97-03145K	ASSY SUPPORT-CIRCUIT MOTOR	NEXT,	1		
14-5-1	6003-000003	SCREW-TAPTITE	BH,+,B,M4,L10,ZPC(BLK),SWRCH18A,	2		
14-5-2	DA31-00146D	MOTOR BLDC	,1500,DC12V,250mA,2.5W,MOTORBLDC,	1		
14-5-3	DA61-02349B	SUPPORT-CIRCUIT MOTOR	NEXT,ABS,NTR,	1		
14-5-4	DA61-02355B	BRACKET-CIRCUIT MOTOR	ABS,NEXT,-,-,-,NTR	1		
14-5-5	DA63-01146A	GROMMET-MOTOR,REAR	A-TOP,NBR,-,-,-,ID6.5,OD42,BLK,BLDC	1		
14-5-6	DA63-40167A	GROMMET-COVER CHIL	T3.0,SILICON,NTR	1		
14-5-7	DA96-00042A	ASSY-HARNESS MOTOR	ATOP UL(MOTOR),CFAN,350MM	1		
14-6	DA97-05093A	ASSY PIPE-SPIRAL COND	AW-PJT,	1		
15	DA31-00010D	FAN-ASS'Y	,ET,ZIPEL,ASSY,UNIT,?150	1		
15-1	DA31-00015C	FAN-TURBO	,ET-PJT,ABS+GLASS FIBE,GR4010	1		
15-2	DA61-20128A	SPRING ETC-FAN	,STS304,PI7.8,OD1.0,FD	1		
16	DA63-02017A	GROMMET-COMP	QUEEN,EPDM,	4		
17	MK190QL2U/E18	COMPRESSOR	220-240V~50HZ	1		
18	DA97-02895D	ASSY-COMP SUB	AW-PJT,MK190Q-L2U,-,-	1		
18-1	DA96-00270A	ASSY-RELAY PTC	12SP18A265RF330	1		
18-2	DA96-00174A	ASSY-HARNESS COMP	EPEL,WIRE-HARNESS MAIN,A	1		
18-3	2301-001848	C-FILM,LEAD	5uF 450V	1		
19	DA63-40171B	GROMMET-SUCT PIPE A	,NBR,OD20,ID4,L20,BLK	1		
20	DA63-40171D	GROMMET-SUCT PIPE B	RAIL L19.5,NR,OD20,ID6,BLK	2		
21	DA62-01514A	DRYER	REF-ALL,C1220T,OD18.70,L114	1		
22	DA61-02657A	CLIP-DRYER	AD,SECC1,T0.4,	1		
23	DA97-04977A	ASSY PIPE CONNECT-SUCTION	aw,c1220 t	1		
24	DA61-02434A	FIXER-HOSE(VALVE)	ET'05-PJT,PP,T2	1		
25	DA97-04049A	ASSY CAP-DRAIN	EPEL,ASSY,L224.5,SOFTPVC	2		
26	DA39-20389L	WIRE HARNESS-EARTH	GREEN/YEL,UL 1015 AWG18,150mm	1		

■ Parts List of Cabinet

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
27	DA97-05147B	ASSY-COVER NOISE FILTER	Australia	1		
27	DA97-05147C	ASSY-COVER NOISE FILTER	Israel	1		
27-1	DA63-02907A	COVER-NOISE FILTER	NEXT,PP,NFPP	1		
27-2	DA27-00009B	COIL CHOKE-EMI FILTER	FA2107LB,QUEEN GE,5mH,+50%,30%,10A,38*50	1		
27-3	DA39-10106G	CBF-POWER CORD	Australia	1		
27-3	DA39-10173D	CBF-POWER CORD	Israel	1		
28	DA97-05363B	ASSY-COVER PIPE WATER	AW-PJT	1		
29	DA97-01947D	ASSY COVER-COMP	AD,SBHG1,T0.35,	1		
30	DA97-05031B	ASSY-COVER PCB PANEL	AW-PJT,	1		
31	DA41-00413F	PBA MAIN-BEST	AW-PJT,ASSY CYCLE,FR-4,163*197,BEST,12V,5V,60Hz	1		
32	DA41-00320B	PBA SMPS-NEXT	NEXT,TOP,CEM1,148*100,POWE	1		
33	DA61-02434A	FIXER-HOSE	ET05,PP,T2	3		
34	DA63-00586B	COVER-TUBE FILTER	A-TOP,W76,L83	1		
35	DA62-00914A	VALVE-WATER FITTING	220~240V	1		
36	DA62-20111B	TUBE-FITTING	POM,SRS6580Z,OD8.1	1		

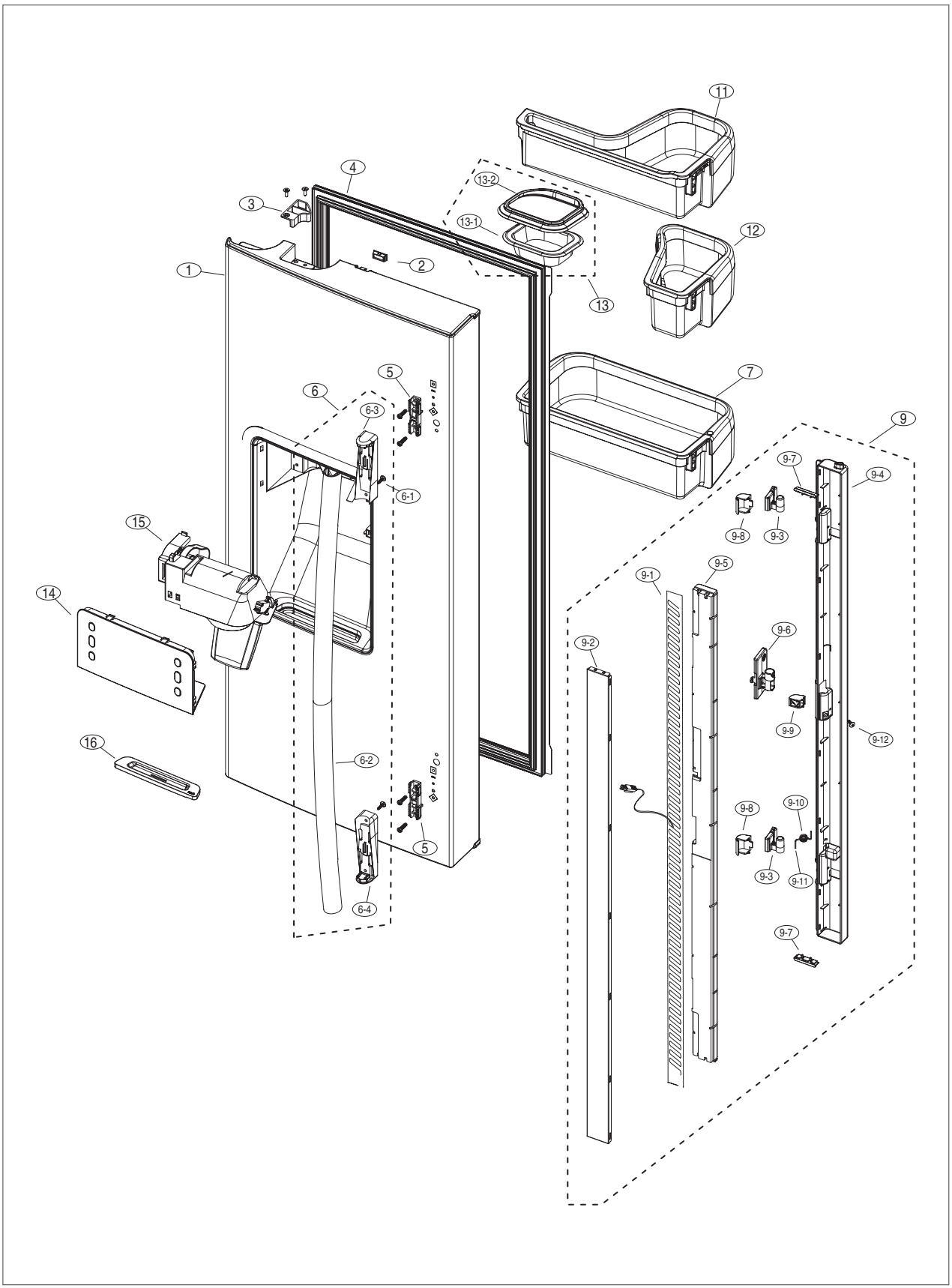
5-4) Disassembly of Freeze Door



■ Parts List of Freezer Door

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02462R	ASSY DOOR FOAM FRE	AW-PJT,Empire-Black,i-BLACK	1		
1	DA91-02462N	ASSY DOOR FOAM FRE	AW-PJT,Versailles STS,Noble-STS	1		
1	DA91-02462P	ASSY DOOR FOAM FRE	AW-PJT,Snow-White	1		
1	DA91-02462Q	ASSY DOOR FOAM FRE	AW-PJT,Platinum-STS,Noble-STS	1		
2	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR	2		
3	DA97-05557A	ASSY-GASKET DOOR FRE	AW-PJT,BLACK,TD-SEC	1		
3	DA97-05557B	ASSY-GASKET DOOR FRE	AW-PJT,GRAY,TD-SECT	1		
4	DA61-03153B	HANGER-RAIL FRONT L	AW,SECC1,T2.0,COOL-WHITE	1		
5	DA61-03155B	HANGER-RAIL FRONT R	AW-PJT,SECC1,T2.0,COOL-WHITE	1		
6	DA61-02904B	SUPPORT DOOR POSITION IN	AW-PJT,HIPS,NTR	2		
7	DA97-04869G	ASSY HANDLE-BAR FRE	AW-PJT,MATURE BLACK,SPRAYÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
7-2	DA64-02068A	HANDLE-BAR FRE	AW-PJT,AL(A6063),MATURE-BLACK	1		
7-3	DA67-01716A	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),i-BLACK	1		
7-4	DA67-01717A	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),i-BLACK	1		
7	DA97-04869E	ASSY HANDLE-BAR FRE	AW-PJT,Versailles-STS,Versailles-Silver	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
7-2	DA64-02068D	HANDLE-BAR FRE	AW-PJT,AL(A6063),Versailles-STS,SANDING	1		
7-3	DA67-01716B	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),Versailles-Silver	1		
7-4	DA67-01717B	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),Versailles-Silver	1		
7	DA97-04869H	ASSY HANDLE-BAR FRE	AW-PJT,SNOW WHITE,SPRAYÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
7-2	DA64-02068C	HANDLE-BAR FRE	AW-PJT,AL(A6063),Snow-White	1		
7-3	DA67-01716C	CAP-HANDLE L FRE	AW-PJT,ABS(HG0760H),Snow-White	1		
7-4	DA67-01717C	CAP-HANDLE R FRE	AW-PJT,ABS(HG0760H),Snow-White	1		
7	DA97-04869J	ASSY HANDLE-BAR FRE	AW-PJT,NEW VERSAILLES SILVER,SANDINGÄ	1		
7-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
7-2	DA64-02068B	HANDLE-BAR FRE	AW-PJT,AL(A6063),Versailles-STS	1		
7-3	DA67-01716D	CAP-HANDLE L FRE	AW-PJT,ABS,CREAMY-STS,STS-PLATINUM SPRAYÄ	1		
7-4	DA67-01717D	CAP-HANDLE R FRE	AW-PJT,ABS,CREAMY-STS,STS-PLATINUM SPRAY	1		
8	DA61-03762A	SUPPORT-GUARD FRE L	AW-PJT(BEST),HIPS(HG-1760SF),COOL-WHITE(SC-02740R)	1		
9	DA61-03763A	SUPPORT-GUARD FRE R	AW-PJT(BEST),HIPS(HG-1760SF),COOL-WHITE(SC-02740R)	1		
10	DA97-04880A	ASSY GUARD FRE	AW-PJT,COOL-WHT	1		
10-1	DA63-03458A	GUARD-FRE	AW-PJT,HIPS(HR1360),COOL-WHITE	1		
10-2	DA63-03459A	GUARD-FRE FLIP	AW-PJT,HIPS(HR1360),COOL-WHITE	1		

5-5) Disassembly of Refrigerator DoorLeft



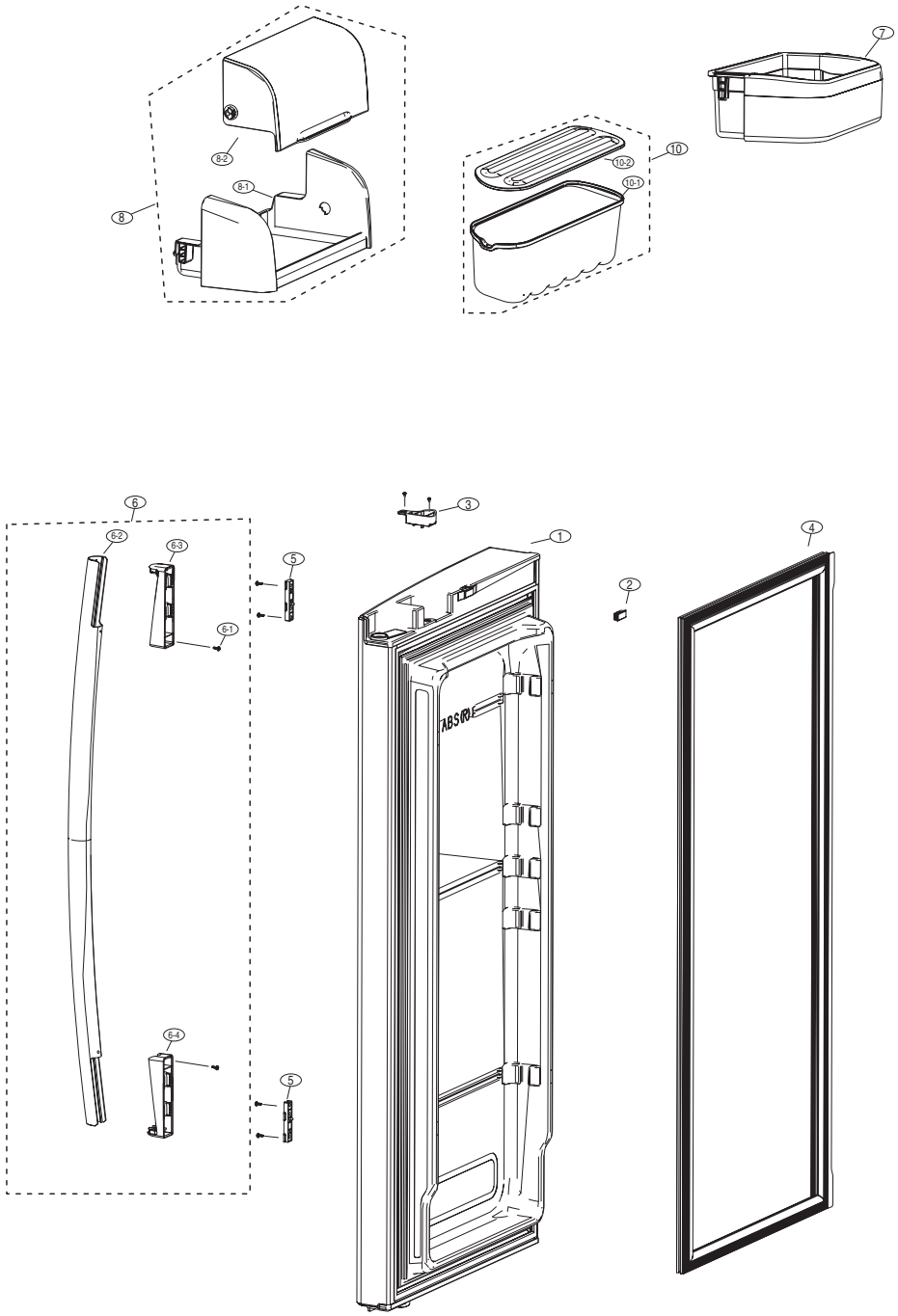
■ Parts List of Refrigerator Door-Left

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02544A	ASSY DOOR FOAM REF-L	AW-PJT,BLACK	1		
1	DA91-02544B	ASSY DOOR FOAM REF L	AW-PJT,REAL-STS	1		
1	DA91-02544C	ASSY DOOR FOAM REF L	AW-PJT,SNOW-WHITE	1		
1	DA91-02544D	ASSY DOOR FOAM REF L	AW-PJT,PLATINUM-STS	1		
2	DA61-02738E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,i-BLACK	1		
2	DA61-02738F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1		
2	DA61-02738A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1		
3	DA66-00442A	CAM AUTO CLOSE L	AW-PJT,Nylon6,i-BLACK	1		
3	DA66-00442B	CAM AUTO CLOSE L	AW-PJT,Nylon6,Creamy-STS	1		
3	DA66-00442C	CAM AUTO CLOSE L	AW-PJT,Nylon6,Snow-White	1		
4	DA97-05253A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,BLACK	1		
4	DA97-05253B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,GRAY	1		
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR,	2		
6	DA97-04417N	ASSY HANDLE-BAR	ATOP 06,MATURE-BLACK,i-BLACK	1		
6_1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6_2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063),MATURE-BLACK	1		
6_3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760),i-BLACK	1		
6_4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760),i-BLACK	1		
6	DA97-04417J	ASSY HANDLE-BAR	ATOP06,,Versailles-STS,Versailles-Silver	1		
6_1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6_2	DA64-01979E	HANDLE BAR	ATOP 06,AL(A6063),Versailles-STS	1		
6_3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Versailles-Silver	1		
6_4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Versailles-Silver	1		
6	DA97-04417D	ASSY HANDLE-BAR	ATOP 06,Snow-White	1		
6_1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6_2	DA64-01979D	HANDLE BAR	ATOP 06,AL(A6063),Snow-White	1		
6_3	DA67-01527D	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Snow-White	1		
6_4	DA67-01528D	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Snow-White	1		
6	DA97-04417K	ASSY HANDLE-BAR	ATOP-06,Versailles-STS,Platinum-STS	1		
6_1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6_2	DA64-01979B	HANDLE BAR	ATOP-06,AL(A6063),Versailles-STS	1		
6_3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Platinum-STS	1		
6_4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Platinum-STS	1		
7	DA97-04878C	ASSY GUARD REF	AW-PJT,PP(BJ730),COOL-WHITE(SC02740R)	1		
8	DA97-02806A	ASSY TRAY-EGG	EPEL,T2.5,W324.5,L122.2,H122.5	1		
8_1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T2.5,W324.5,L122.2,H120	1		
8_2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T2.5,W319,L116.3,H13	1		
9	DA97-05021D	ASSY-FRENCH	AW-PJT,ALL-BLACK	1		
9_1	DA47-00245B	HEATER CORD-FRENCH	230V 10W	1		
9_2	DA61-03207A	PLATE-FRENCH	AW-PJT,SECC1,T0.8,ALL-BLACK	1		
9_3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2		
9_4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9_5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1		
9_6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1		
9_7	DA63-03508A	GASKET-FRENCH	AW-PJT,SILICON,BLACK	2		
9_8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2		
9_9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1		
9_10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9_11	DA81-01346A	PIN-FRENCH SPRING	RDPVC,WHITE	1		
9_12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1		
9	DA97-05021K	ASSY-FRENCH	J-BLACK	1		
9_1	DA47-00245B	HEATER CORD-FRENCH	230V 10W	1		

■ Parts List of Refrigerator Door-Left

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
9_2	DA61-03207B	PLATE-FRENCH	AW-PJT,SECC1,T0.8	1		
9_3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2		
9_4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9_5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1		
9_6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1		
9_7	DA63-03508B	GASKET-FRENCH	AW-PJT,SILICON,GRAY	2		
9_8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2		
9_9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1		
9_10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9_11	DA81-01346A	PIN-FRENCH SPRING	RDPVC,WHITE	1		
9_12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1		
9	DA97-05021F	ASSY-FRENCH	AW-PJT,Snow-White	1		
9_1	DA47-00245B	HEATER CORD-FRENCH	230V 10W	1		
9_2	DA61-03207C	PLATE-FRENCH	AW-PJT,SECC1,T0.8,SNOW-WHITE	1		
9_3	DA61-03230B	HINGE-FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	2		
9_4	DA61-03234A	CASE-FRENCH	AW-PJT,ABS,SNOW-WHITE	1		
9_5	DA62-01387A	INSULATION-FRENCH	AW-PJT,FOAMPS	1		
9_6	DA63-03454B	COVER-HEATER FRENCH	AW-PJT,PC(HF-1023IM),COOL-WHITE	1		
9_7	DA63-03508C	GASKET-FRENCH	AW-PJT,SILICON,WHITE	2		
9_8	DA67-01650A	CAP-CASE FRENCH	AW-PJT,ABS,SNOW-WHITE	2		
9_9	DA67-01701A	CAP-CASE FRENCH MID	AW-PJT,ABS,SNOW-WHITE	1		
9_10	DA81-01345A	SPRING-ETC FRENCH	STS304,PI1.4	1		
9_11	DA81-01346A	PIN-FRENCH SPRING	RD-PVC,WHITE	1		
9_12	6002-000213	SCREW TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A	1		
10	DA67-30218R	CAP-SCREW	PP,SC97527R,SNOW WHITE	2		
11	DA97-05242A	ASSY-GUARD_REF_DISP	AW-PJT,HIPS+GPPS,-,90.5,339,COOL-WHT,BEST,DISPENSER	1		
12	DA97-05241A	ASSY-GUARD_REF_MID	AW-PJT,HIPS+GPPS,-,99,185,COOL-WHT,BEST,MID	1		
13	DA97-05353A	ASSY-CAP_CHUTE_ICE	AW-PJT(BEST)	1		
13_1	DA67-01729A	CAP-CHUTE_ICE	AW-PJT,ABS(HG-0760H),COOL-WHT(SC-02740R)	1		
13_2	DA63-03698A	GASKET-CAP_CHUTE_ICE	AW-PJT(BEST),SILICON,GRAY,HARDNESS:60	1		
14	DA97-05401E	ASSY-COVER_DISPENSER	AW-PJT BEST,STAINLESS-PLATINUM SPRAY(SC-04126S)	1		
15	DA97-05397H	ASSY CASE-ICE ROUTE	AW-PJT,VERSAILLES-SILVER	1		
16	DA63-03695B	TRAY-DISPENSER	AW-PJT,ABS(HG-0760H),CREAMY-STS,SPRAY:VERSAILLES SILVER	1		

5-6) Disassembly of Refrigerator Door Right



■ Parts List of Refrigerator Door-Right

NO	CODE-NO	PART NAME	SPEC	QUANTITY	SVC-CODE	REMARK
1	DA91-02461A	ASSY DOOR FOAM REF R	AW-PJT,Empire-Black,i-BLACK	1		
1	DA91-02461B	ASSY DOOR FOAM REF R	AW-PJT,Versailles STS,Noble-STS	1		
1	DA91-02461C	ASSY DOOR FOAM REF R	AW-PJT,Snow-White	1		
1	DA91-02461D	ASSY DOOR FOAM REF R	AW-PJT,Platinum-STS,Noble-STS	1		
2	DA61-02738E	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,i-BLACK	1		
2	DA61-02738F	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Creamy-gray	1		
2	DA61-02738A	MAGNET-ASS'Y	CORE-PJT,T5,W7,L18,Snow-White	1		
3	DA66-00441A	CAM AUTO CLOSE R	AW-PJT,Nylon6,i-BLACK	1		
3	DA66-00441B	CAM AUTO CLOSE R	AW-PJT,Nylon6,Creamy-STS	1		
3	DA66-00441C	CAM AUTO CLOSE R	AW-PJT,Nylon6,Snow-White	1		
4	DA97-05253A	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,BLACK	1		
4	DA97-05253B	ASSY-GASKET DOOR REF	AW-PJT,W404,L978,GRAY	1		
5	DA61-02984A	FIXER-HANDLE	ATOP 06,POM,NTR	2		
6	DA97-04417N	ASSY HANDLE-BAR	ATOP 06,AL(6063),L876.2,BLACK	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6-2	DA64-01979A	HANDLE BAR	ATOP 06,AL(A6063),MATURE-BLACK	1		
6-3	DA67-01527E	CAP-HANDLE UPP	ATOP06,ABS(HG0760),i-BLACK	1		
6-4	DA67-01528E	CAP-HANDLE LOW	ATOP06,ABS(HG0760),i-BLACK	1		
6	DA97-04417J	ASSY HANDLE-BAR	ATOP06,,Versailles-STS,Versailles-Silver	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6-2	DA64-01979E	HANDLE BAR	ATOP 06,AL(A6063),Versailles-STS	1		
6-3	DA67-01527H	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Versailles-Silver	1		
6-4	DA67-01528H	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Versailles-Silver	1		
6	DA97-04417D	ASSY HANDLE-BAR	ATOP 06,Snow-White	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6-2	DA64-01979D	HANDLE BAR	ATOP 06,AL(A6063),Snow-White	1		
6-3	DA67-01527D	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Snow-White	1		
6-4	DA67-01528D	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Snow-White	1		
6	DA97-04417K	ASSY HANDLE-BAR	ATOP-06,Versailles-STS,Platinum-STS	1		
6-1	6002-000215	SCREW-TAPPING	TH,+,1,M4.0,L16,ZPC(WHT),SWRCH18A	2		
6-2	DA64-01979B	HANDLE BAR	ATOP-06,AL(A6063),Versailles-STS	1		
6-3	DA67-01527F	CAP-HANDLE UPP	ATOP06,ABS(HG0760),Platinum-STS	1		
6-4	DA67-01528F	CAP-HANDLE LOW	ATOP06,ABS(HG0760),Platinum-STS	1		
7	DA97-04878D	ASSY GUARD REF	AW-PJT	1		
8	DA97-04881B	ASSY GUARD-DAIRY	AW-PJT,COOL-WHT	1		
8-1	DA63-03455A	GUARD-DAIRY	AW-PJT,HIPS(HR1360),COOL-WHITE	1		
8-2	DA63-03462A	COVER-GUARD DAIRY	AW-PJT,GPPS(HF2660)	1		
10	DA97-02806A	ASSY TRAY-EGG	EPEL,T2.5,W324.5,L122.2,H122.5	1		
10-1	DA63-02492A	TRAY-EGG	EPEL,GPPS,T2.5,W324.5,L122.2,H120	1		
10-2	DA63-02491A	COVER-TRAY EGG	EPEL,GPPS,T2.5,W319,L116.3,H13	1		

6. PCB DIAGRAM

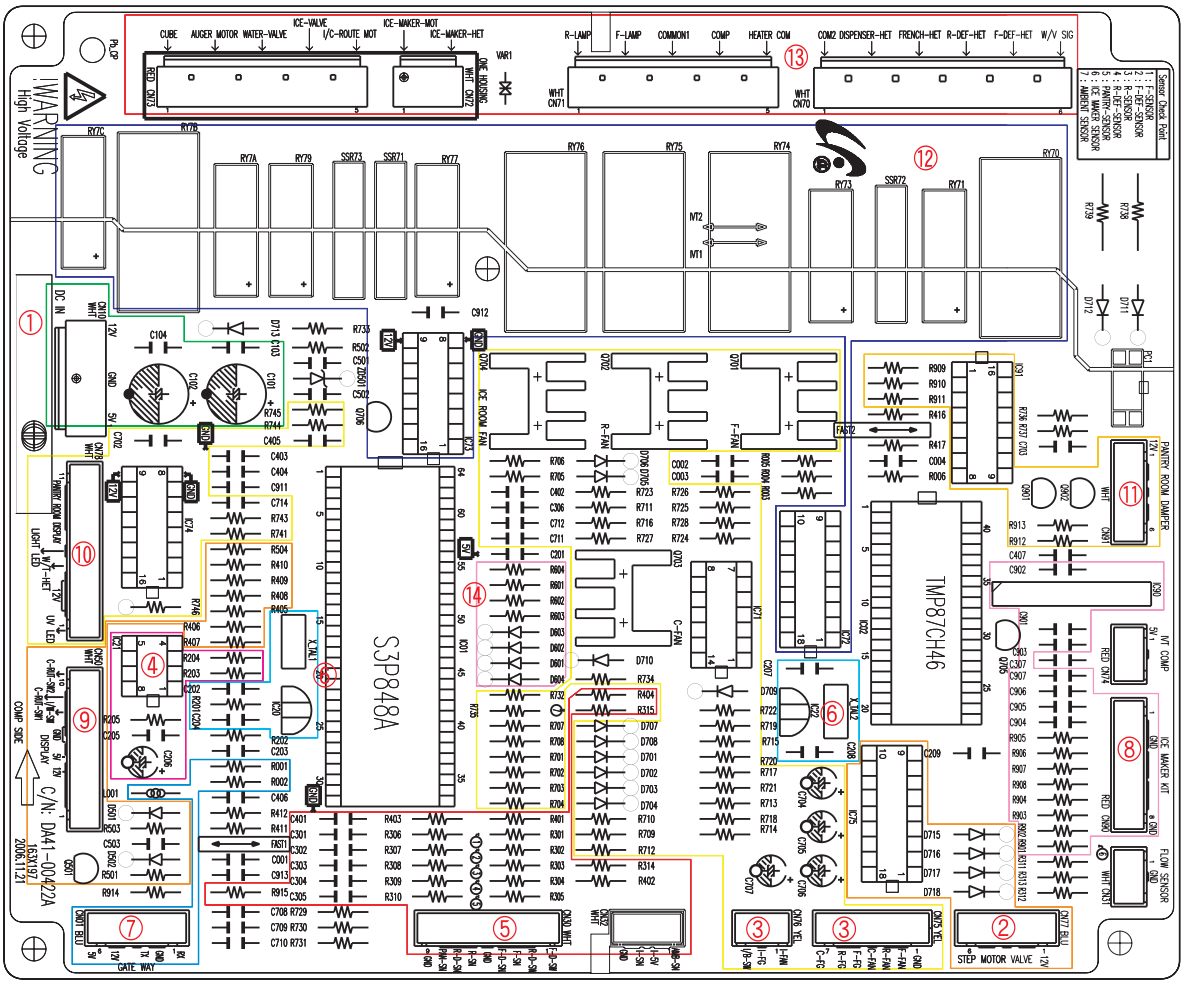
6-1) PCB LAYOUT WITH PART POSITION 124

6-2) PCB LAYOUT WITH PART POSITION (SMPS BOARD) 125

6-3) CONNECTOR LAYOUT WITH PART POSITION (MAIN BOARD) 126

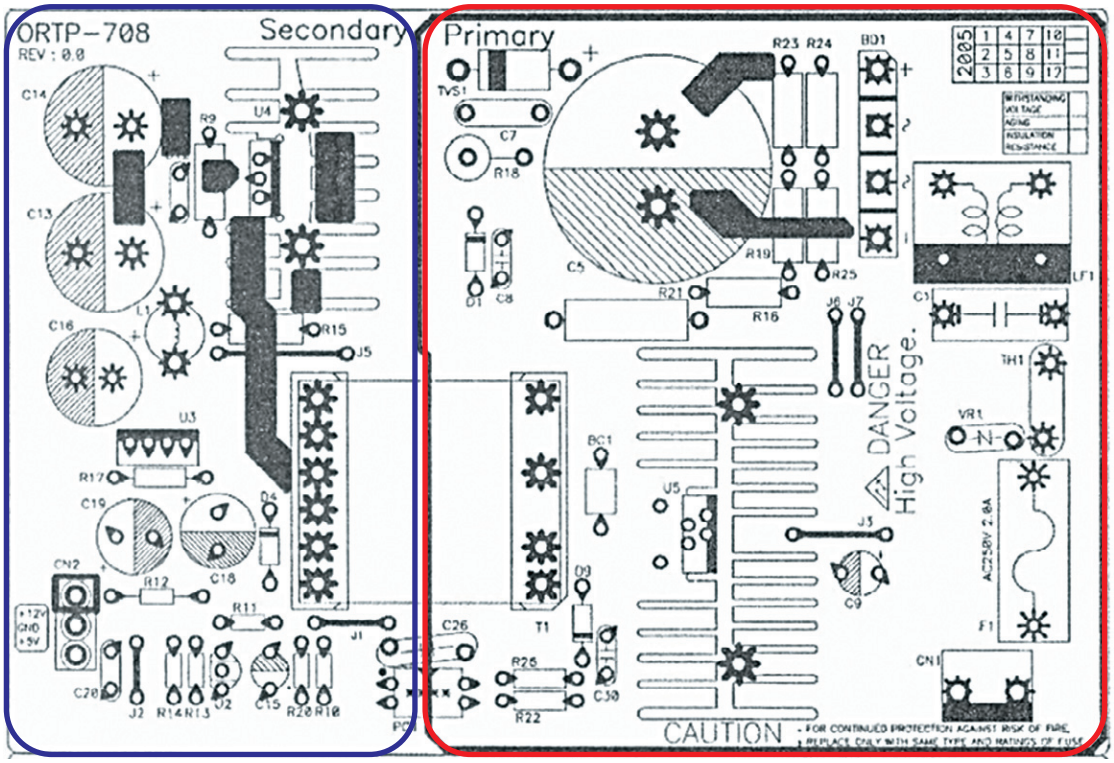
6-4) CONNECTOR LAYOUT WITH PART POSITION (SMPS OARD) 127

6-1) PCB Layout with part position



1. DC12V,5V,GND supplied from SMPS PCB
2. Circuit for controlling Step-Valve (3-Way Valve) * Option
3. FAN MOTOR control part : To supply the power from 8.3V ~ 12V according to the motor types. (F,R,C,ICE)
4. EEPROM : Save and record every kinds of data.
5. Transmit inputted signals from every sensor into MICOM after eliminate the noise .
6. Micom : control the refrigerator Ceramic resonator : generate the basic frequency of Micom operation.
   Reset IC : make Micom reset if input voltage of Micom is detected less than the specified voltage
7. PLC input/output
   - PLC (Power Line communication) * Option(PLC module is not inserted unlessspecified occasion)
8. Operate ICE-MAKER, supply power to MOTOR, and sense the variation of switch.
9. Main Micom↔ Panel Micom serial communication circuit
   - Dispenser option input part (Water & Cover Ice route switch)
10. Pantry room display control part : display LED, detect KEY state.
11. Control Pantry room damper & Damper heater
12. Relay part for controlling the AC load : Relay control IC makes the relay ON/OFF by Micom signal.
13. Connector part : connect AC load
14. Diode option setting part

6-2) PCB Layout with part position (SMPS Board)



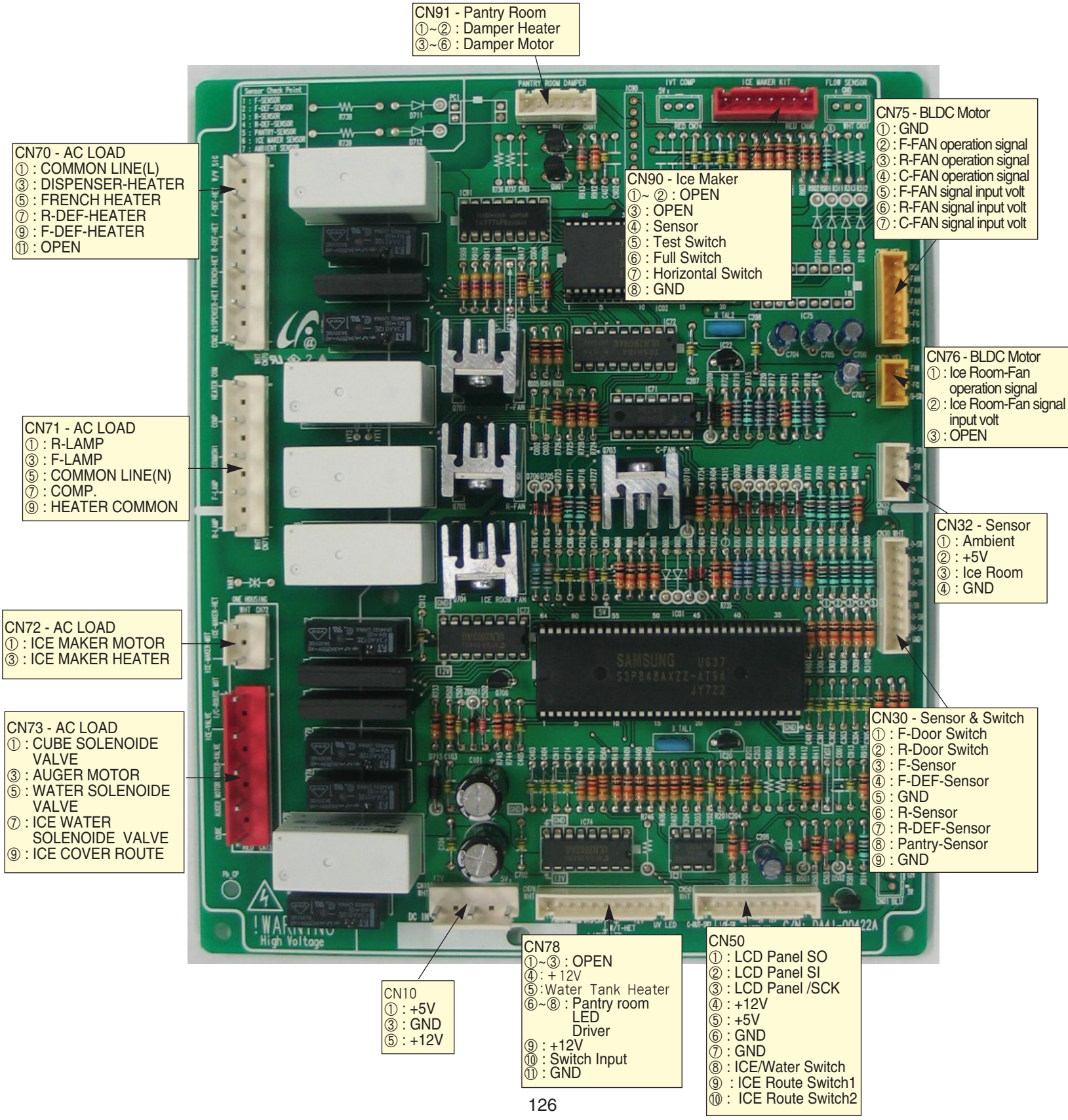
Switching mode power supply

Circuit : change the AC voltage to DC voltage that needs for controlling the appliance.

1. BLOCK : Rectify the inputted AC voltage to DC voltage
2. BLOCK : Change the rectified DC voltage to DC12V & DC5V that needs for controlling the appliance with PWM IC and switching trans.

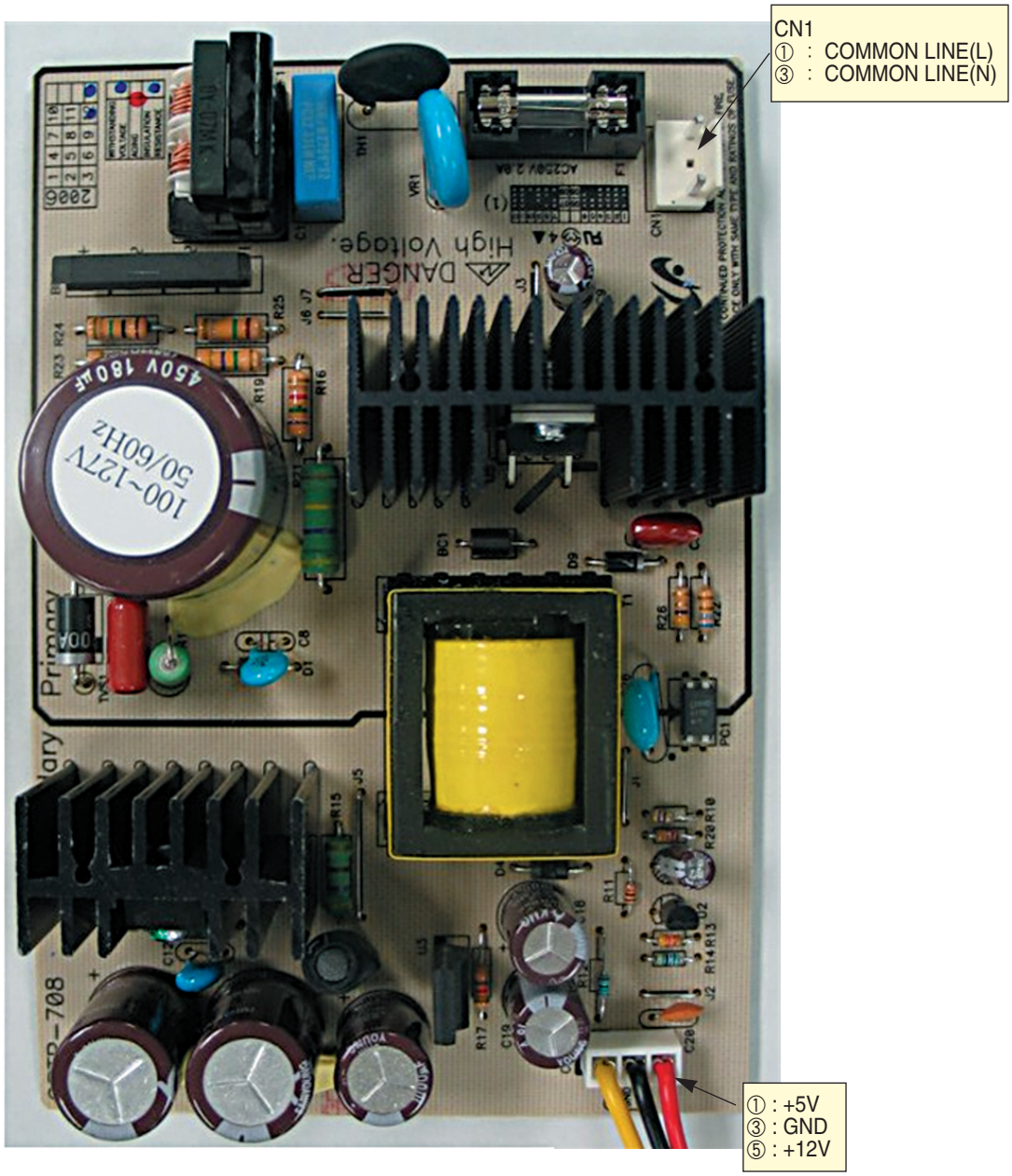
6-3) Connector Layout with part position (Main Board)

6-3-1. RF267**



6-4) Connector Layout with part position (SMPS Board)

RF267

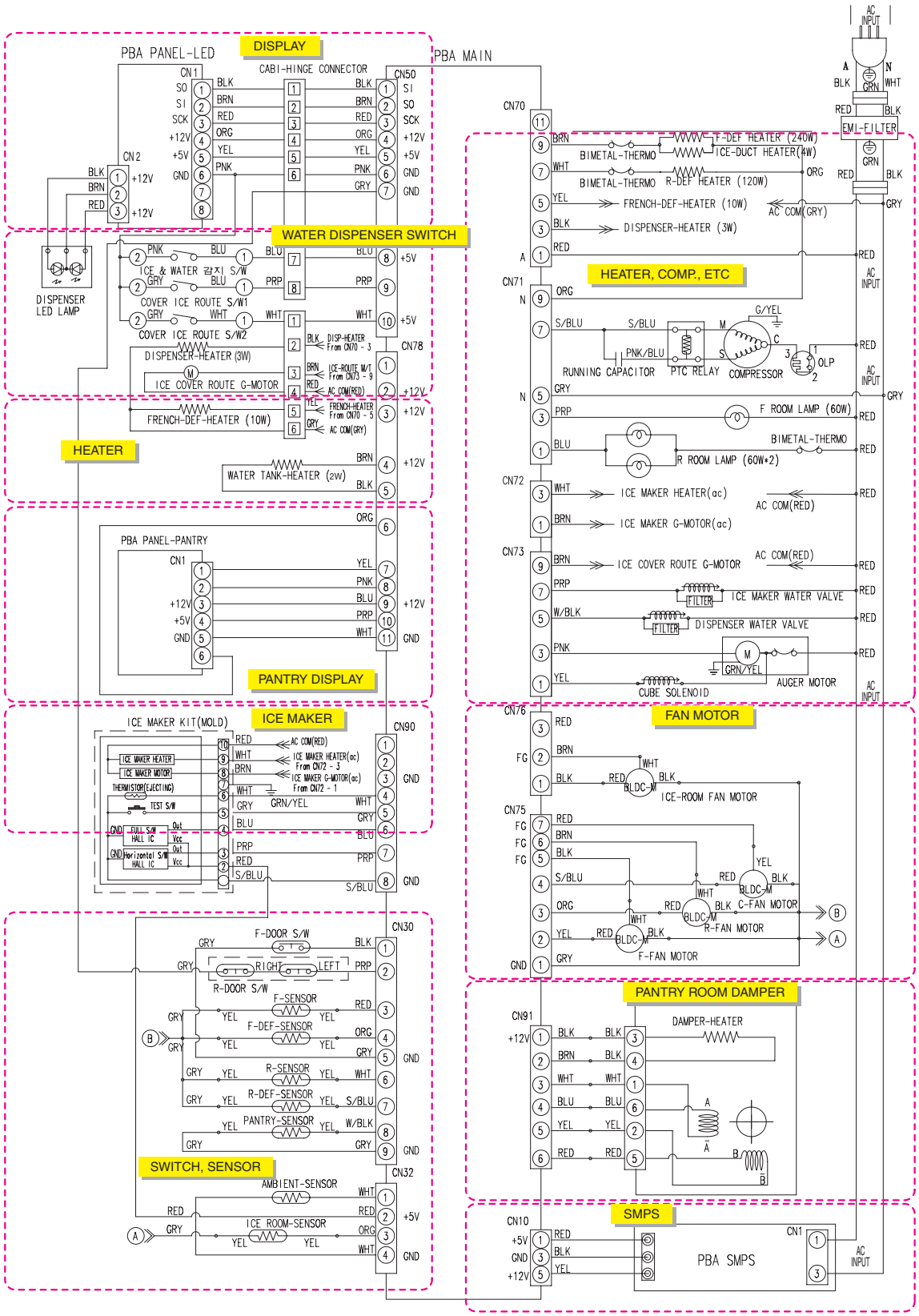


6-4) Connector Layout with part position (SMPS Board)

RF26DB

7. WIRING DIAGRAM

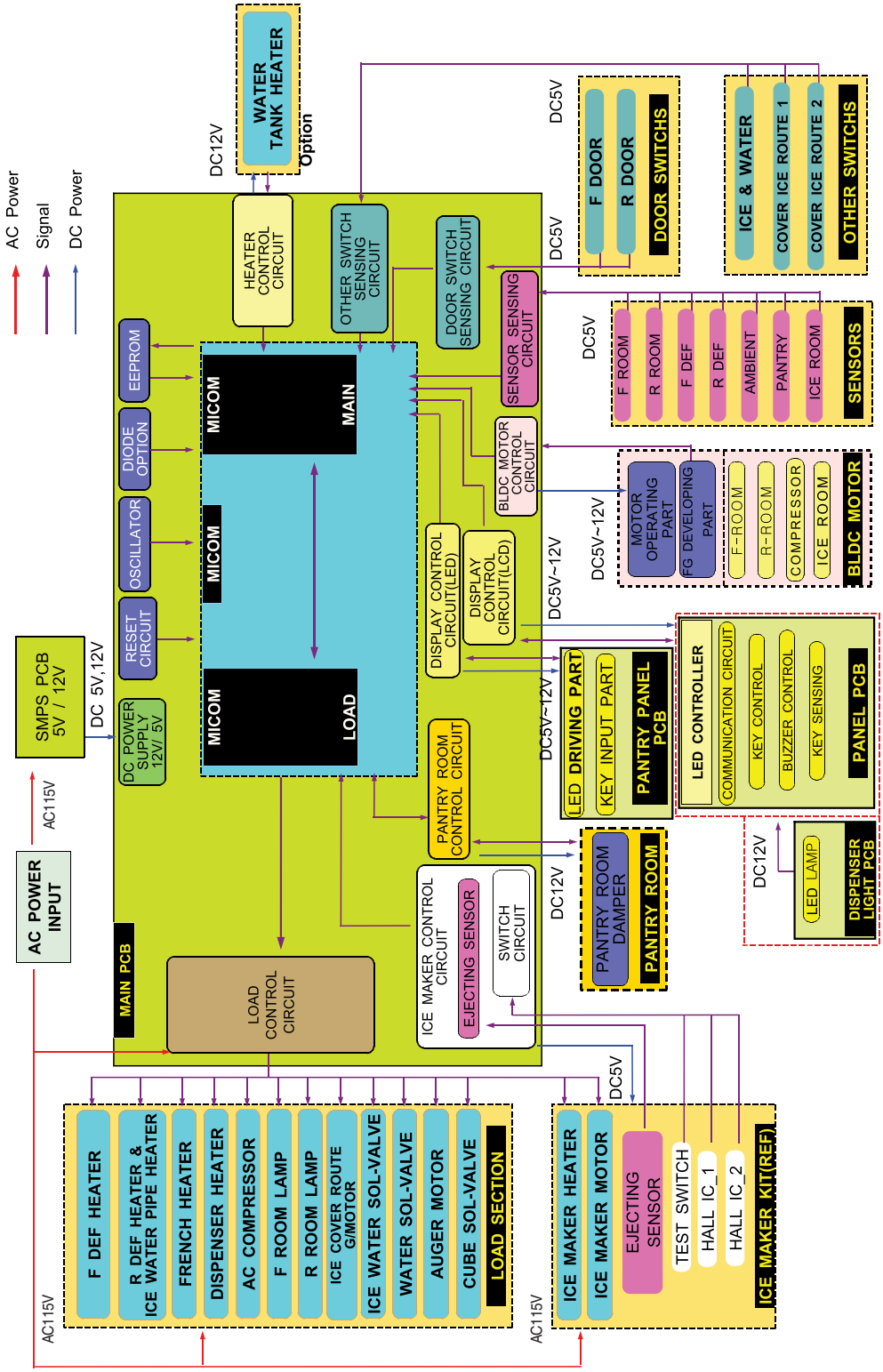
7-1) Model : RF267* / RF26DB



8. SCHEMATIC DIAGRAM

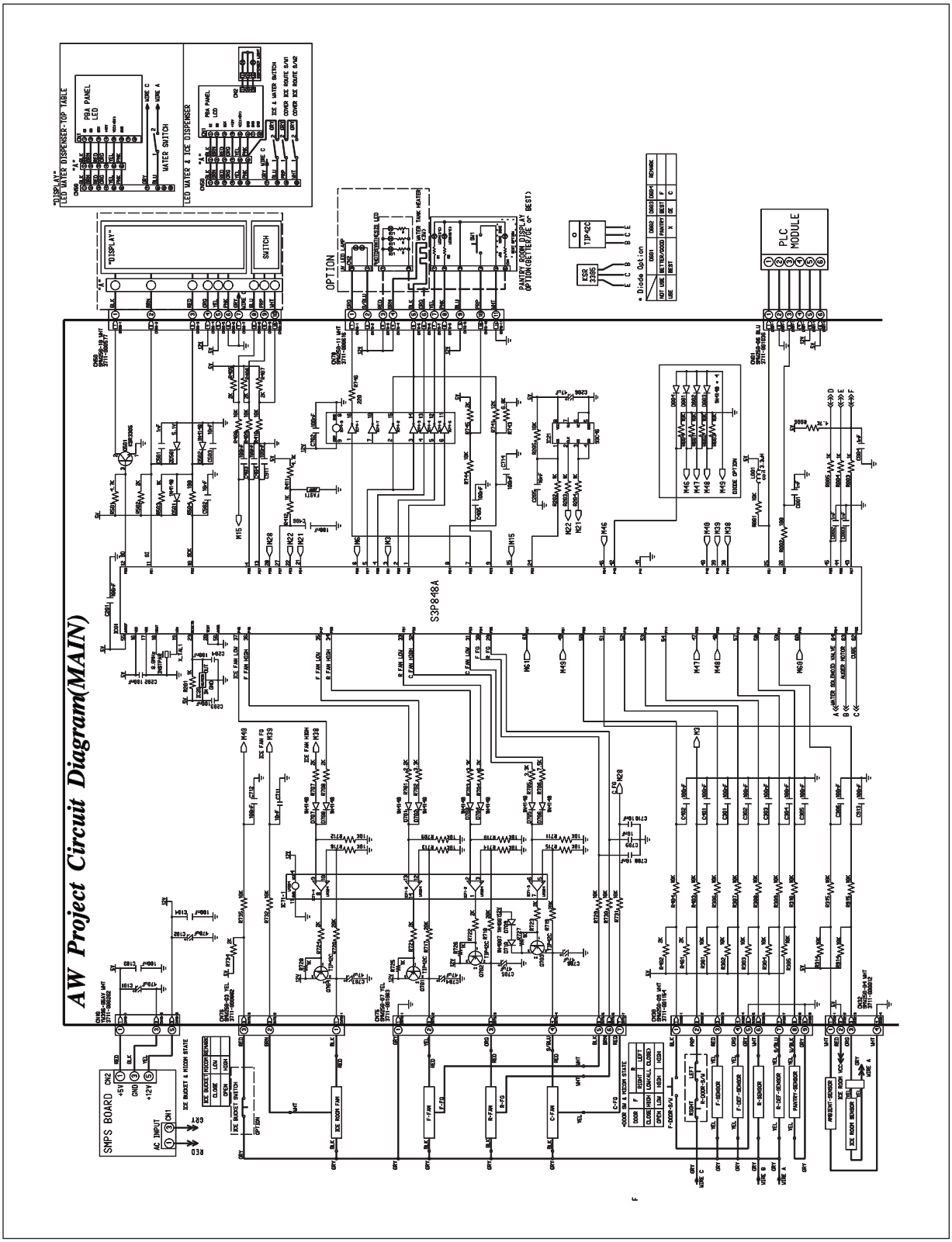
8-1) Whole block diagram

8-1-1. MODEL : RF267**



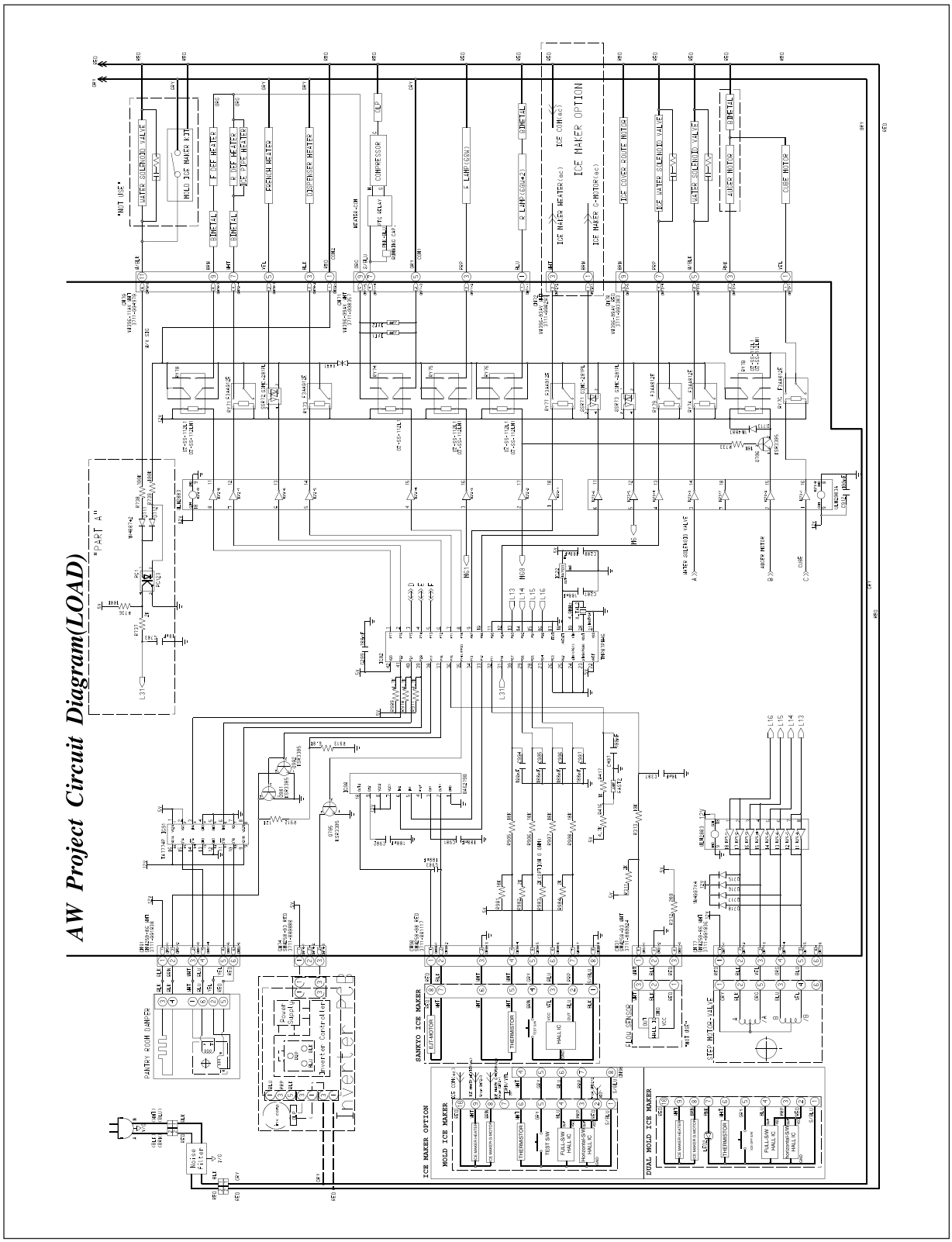
8-2) CIRCUIT DIAGRAM

8-2-1. Sheet 1 of 2



8-2) CIRCUIT DIAGRAM

8-2-2. Sheet 2 of 2



Model name (nomenclature) - RF267AA

R F 26 7 A A RS / XAA

PRODUCT : F-FRENCH DOOR
S-SBS
M-MULTI DOOR
B-BMF

Capacity : CU.FT

MAIN OPTION
(specifications for initial development)
5-GOOD
6-BETTER
7-BEST

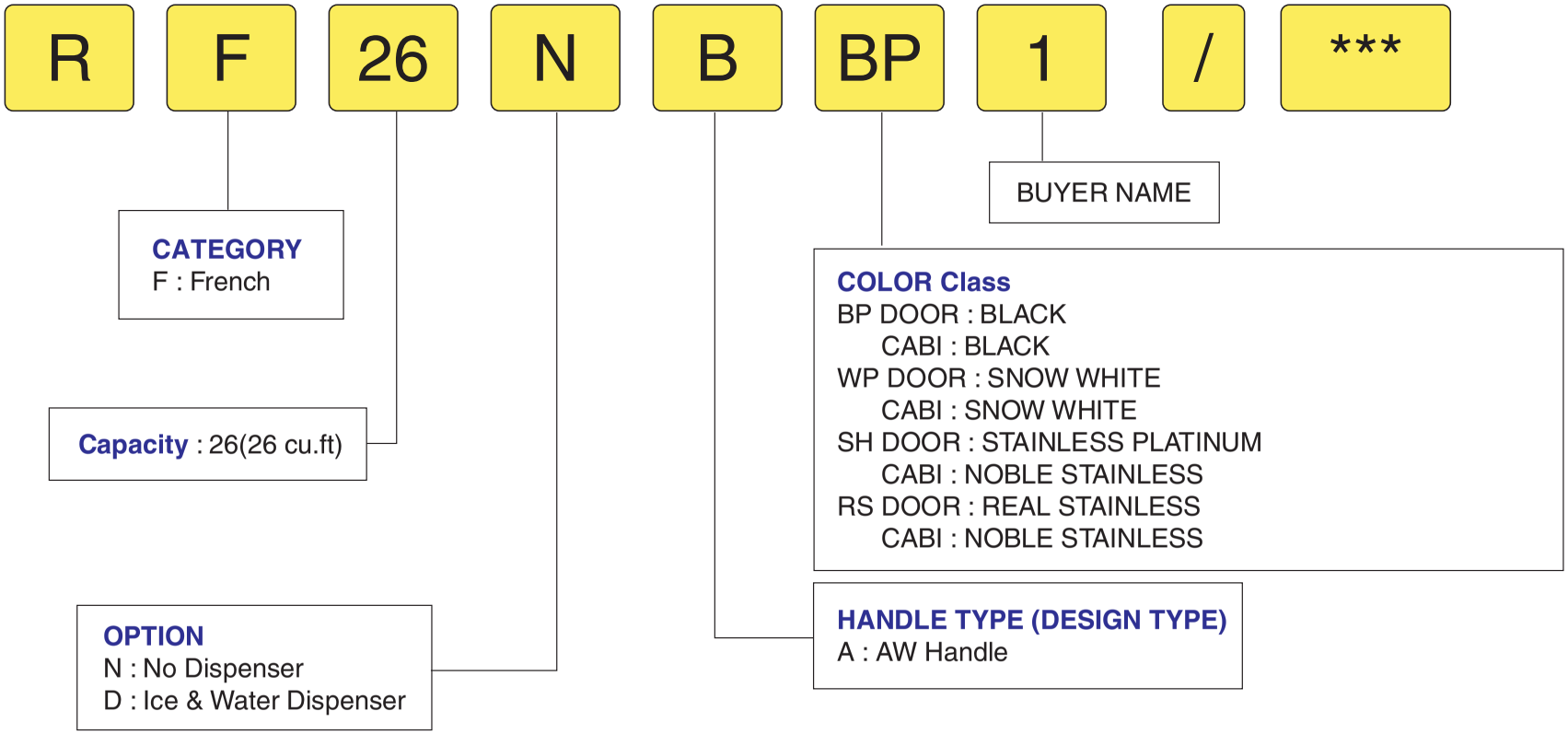
SUB OPTION (by partner)
A-ALL CUSTOMERS

PJT derivation sequence within type (Not production year)
A - 1st Generation
B - 2nd Generation

COLOR Class
WP - SNOW WHITE
SH - STAINLESS PLATINUM
RS - REAL STAINLESS
BP - BLACK

BUYER NAME

Model name (nomenclature) - RF26DB



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